

By G. K. CHESTERTON.

THEY that go about the world asking riddles and doing puzzles (those enemies of the human race) used to have one particular game which, after ramifications of arithmetic, ended with "taking away the number one first thought of." It is a silly game, and, like many other silly games, has been played by great empires and on a large scale. That touch of over-civilisation which is always the first touch of a returning barbarism can best be noted whenever we note this game of subtracting the original thought with which everything began. I mean that men will build up institutions and elaborations round the central pillar of some thought. Then, after the passage of centuries, the central pillar falls down, but the rest of the edifice remains. Such an edifice is not always in danger, but it is in decay.

Our forefathers in the morning of the world appear in certain ancient and, as I think, eternal attitudes; in the posture of the performance of certain primal human acts; such as hunting or dancing or feasting or sacrificing to the gods. It is right and natural that these things should grow richer and more complex with time. But it is decadent and dangerous when these things forget their origin and alter their inmost nature; when, after a stretch of centuries, they have turned into something else, sometimes into something opposite.

In order to avoid the fascinating topics of drink and religion, let us take the case of hunting. Sport has silently and subtly reversed its old character. The essence of the change is this: that men began with the comparatively generous idea of killing wild beasts, and have ended up with the comparatively paltry idea of preserving them. The first was heroic because it was hard and necessary: it was a just and even chivalric part of a war on anarchy, a war of self-defence. It was as moral as Jack the Giant-Killer. In fact, in the early legends the slaying of monsters and the slaying of ordinary beasts is treated as part of the same barbaric knight-errantry. Hercules, in the course of his Twelve Labours, overcomes an ordinary lion and wild boar as well as a three-headed dog and a nine-headed hydra. There is even (if I remember right) a mediæval tale of a knight who covered himself with glory by overcoming a cow—a cow gigantic, indeed, but apparently female and "due to purely natural causes." Do not, however, indulge in that superiority to mediævalism which is the chief note of the cad. There are a great many knights who appear in Honours Lists who could not offer defiance to a cow, even if the cow were of microscopic, instead of gigantic, size.

Now it is the fragments of this primaæval epic of the slaying of the monsters that give to the earliest hunting-tales and hunting-songs an unmistakable savour of moral honesty and sound feeling. Some of the old hunting-songs, Celtic and Germanic, are great

poems, poems in the grand style. The note of it lingers on the horns of Chevy Chase, where the ballad-writer, in a mood between irony and awe, speaks and thinks of the Border battle in terms of venerity—

And of the rest of less account  
Did many hundreds die;  
So ended the hunting of Chevy Chase  
Made by the Lord Percy.

The poet seems almost to think it higher praise to call it a hunt than to call it a fight. This heroic tradition came largely, of course, from the real peril of earlier sport: a boar at bay was as destructive as dynamite; and even a stag at bay was not all beer and skittles. But there was more than this; there was the vague but spirited memory of this earlier notion of destroying the huge enemies of man; the tyrants of the material universe; vermin as big as houses; vermin that moved about like galleys.

made the fairy-tales more than would the same system applied to the Nemean lion or the large pig

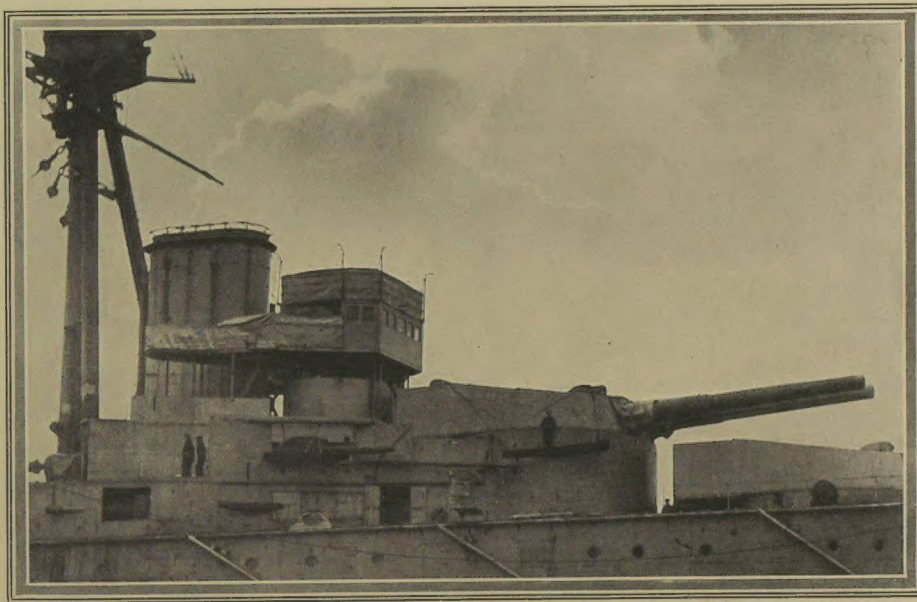
Who wasted fields and slaughtered men  
Along Albania's shore.

I do not mean to indicate here that I think it wrong to preserve or shoot birds; I do not. I merely use this reversal of the heroic in hunting as an instance of the way in which over-elaborated societies end up with their tails in their mouths; in a posture not merely twisted but inverted.

Of course, there are other instances, at which I have already glanced. There was the primitive man whom we left offering sacrifice to the gods when we went off after the hunter. The sacrificer builds an altar and pours wine or blood or something on it and holds up his hands to the sky and talks to somebody he can't see; a sensible fellow. Then, as time goes on, he turns his remarks into an ordered chant, and then, perhaps, into a written book; and he has a roof to cover the people who come to see him sacrifice, and a lectern to read the book from, and a sort of forum or pulpit to stand in and explain what he has been doing, and so on. And then, when civilisation has grown for some centuries, there comes an Ethical Society—the advance guard of barbarism. You may know it by this extraordinary fact: that it doesn't take away the additions and accretions round the old human thing; it takes away the old human thing itself. It leaves the reading-desk and the talking-box and the people sitting still on hard seats. But it takes away the altar. It takes away the god. It takes away the number it first thought of.

I might have given many other examples of this turning a thing tail-foremost, of this subtraction of the original aim. I have given the case of the hunter, who is now chiefly concerned to preserve the very creatures which he set out to destroy. I have

given the case of the Ethical Idealist, a really reverent person, who still insists on kneeling even when he has nothing to kneel to. But there are others for which I have no space here; I can only suggest that this train of thought will really be found a clue in the criticism of the modern world, which is first and last a topsy-turvy world. That is why the few mild and rational people are accused of standing on their heads. I might adduce the case of those who profess to keep up enormous armaments in the hope of a perpetual peace. The position may be very practical; but it is certainly very topsy-turvy. I might adduce the case of those who want women to vote because it must be bad to be ruled by the minority; and then only want some women to vote, because the minority is always right. There is no lack of instances of this power to box the mental compass and get your own tail finally and fixedly into your own mouth. The rest is silence.



Photo, Crith, Southsea.

#### A FLOATING VOLCANO AND ITS UNTENABLE BRIDGE: THE NEW BATTLESHIP - CRUISER "LION." THE FLAMES FROM WHOSE FUNNELS HAVE NECESSITATED ALTERATIONS COSTING SOME £30,000.

The new battleship-cruiser, H.M.S. "Lion," was designed to break all speed-records, and fitted with engines of 70,000 horse-power. In her recent trials she fulfilled all expectations as to speed, but the enormous heat of her furnaces necessary to attain the desired result rendered important parts of the vessel untenable, and made her something like a floating volcano. Flames fifty feet high rose from the funnels, scorching everything they came near. The navigating bridge and the fire-control platform had been placed close to the foremost funnel, one on each side of it; consequently, in the full-power trials, all the metal on the bridge was twisted by the heat, and some fittings, it is said, were even melted. The compasses were deranged, and the flames made it impossible for anyone to remain on the fire-control platform, which was about thirty feet above the top of the foremost funnel. It has been found necessary to make structural alterations to the "Lion" and her sister-ships, the "Queen Mary" and "Princess Royal," which will probably cost between £25,000 and £30,000 for each vessel. The above photograph shows the close proximity of the foremost funnel to the tripod mast and the bridge.

Outside their enormous shadows, all sorts of subtler feelings about birds and beasts could arise. The story of St. George and the Dragon is just as Christian as the story of St. Francis and the Wolf. But they belong to different atmospheres.

Imagine the old sentiment about monsters applied to modern sport, and you will see how enormously and silently sport has changed; has turned from a sincere notion of killing things as nuisances to a complex notion of keeping them as luxuries. Imagine Jack being asked if he "preserved" giants on his little estate. Imagine St. George "carting" the Dragon, and after every day's sport putting it back in the cart. Imagine, in the old romances, there being a close time for Griffins; or a particular date after which it was most unknighly behaviour to kill a three-headed ogre. Yet these things would hardly have surprised the primitive peoples who



## SEEKING THE BLACK DIAMONDS WHICH GIVE MAN POWER:

PHOTOGRAPHS NOS. 2, 3, 5, 7, AND 12 REPRODUCED BY COURTESY OF MESSRS. PEAKE, OLIVER AND PEAKE, THE

## "GETTING" COAL—THE INDUSTRY THREATENED BY A STRIKE.

WELL-KNOWN COLLIERY AGENTS; NOS. 1, 4, 9, 10, AND 11 BY T. MEADOWS; NO. 8 BY G.P.U.; AND NO. 6 BY LOCKEY.



1. WOMEN WORKING IN CONJUNCTION WITH MEN AT THE MINE: "BAGGING" COAL FOR DOMESTIC USE AT THE COLLIERY SURFACE.

5. GOING INTO THE DEPTHS OF THE EARTH FOR THEIR WORK: A CAGE OF MINERS DESCENDING INTO THE PIT.

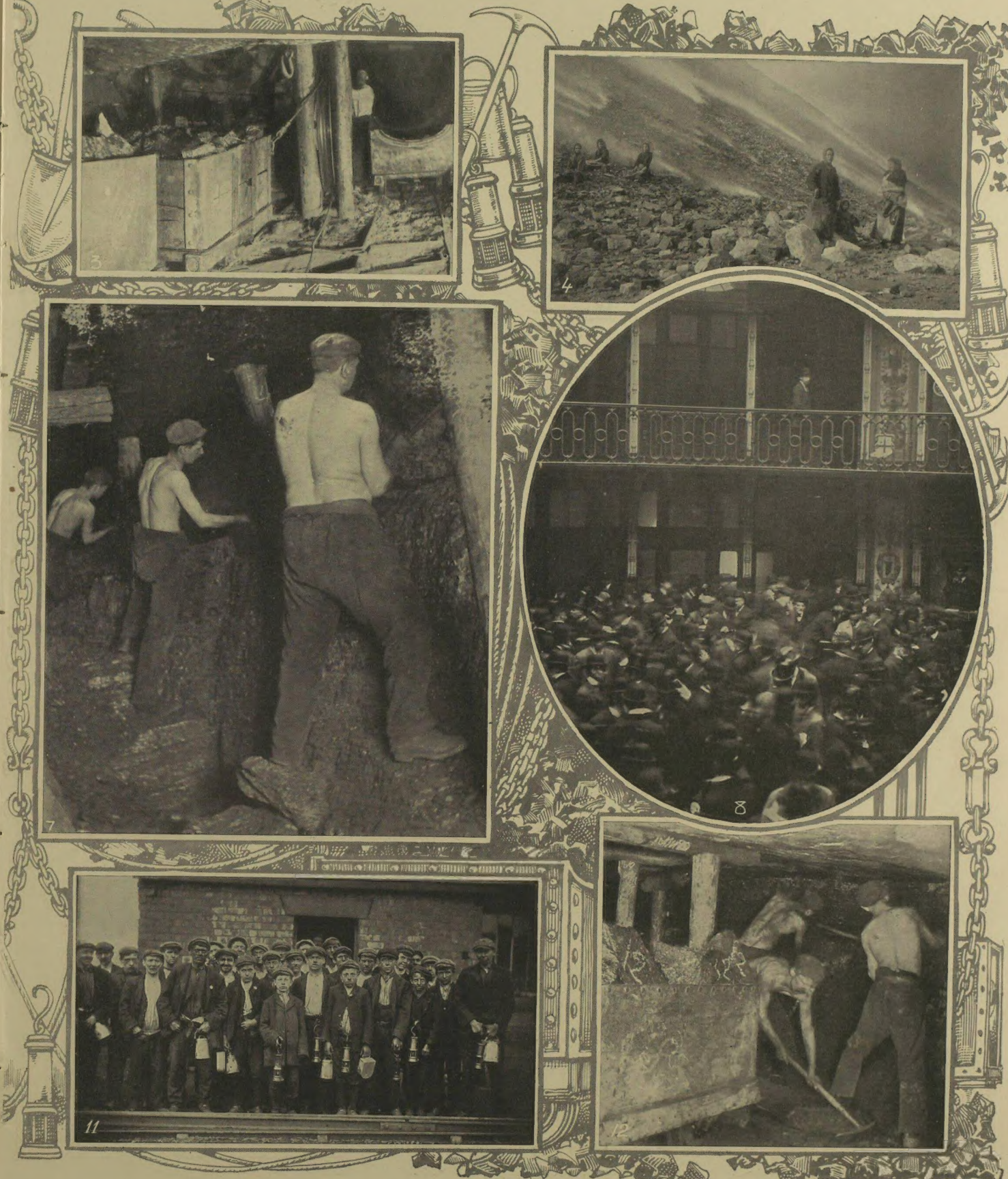
9. IN A MIXTURE OF MAN'S AND WOMAN'S DRESS: PIT-BROW GIRLS.

2. WORK DONE ON THE SURFACE: PICKING SLATE, FIRE-CLAY, PYRITES, AND OTHER RUBBISH FROM COAL AS IT PASSES ON TRAVELLING BANDS.

6. THE MINER'S DAILY TASK: A COAL-HEWER WORKING AT THE "FACE."

10. WORKERS OF THE MINES: FIVE SISTERS AS PIT-BROW LASSES.

Coal having been "won" by the mining engineer—that is to say, having been reached by shafts, tunnels, or slopes—the "getting," that is, the removal of the mineral from the seams, begins. All having been prepared for him, the miner starts work with pick, blasting-charge, and mechanical coal-cutters, and breaks down the coal, which is then loaded on trucks. On these it is conveyed to the shaft bottom and, still upon them, it is hoisted to the surface. There, says "The Romance of Mining," "it has to go through several processes before it is ready for sale. Anthracite, and other kinds of coal that come to the surface in very large



3. THE DOMESTIC COAL SUPPLY IN THE MAKING: LOADED TRUCKS READY TO BE HOISTED TO THE SURFACE.

7. STRIPPED TO THE WAIST; MINERS WORKING AT THE "FACE."

11. AFTER THE DAY'S WORK: MEN AND BOYS EMPLOYED IN A MINE, CARRYING CANS AND SAFETY-LAMPS.

4. WOMEN AND COAL-MINING: GIRLS PICKING COAL.

8. WHERE THE CRISIS IS ACTIVELY REFLECTED: A BUSY SCENE IN THE COAL EXCHANGE.

12. LABOUR IN THE MINE: MEN, STRIPPED TO THE WAIST, ENGAGED IN FILLING THE TRUCKS.

lumps, must pass through powerful crushers, which reduce the masses to a convenient size. The mineral is then passed along travelling belts, and sorters, standing on either side, pick off the slate, fire-clay, pyrites, and other rubbish that may be present. After that the coal is passed over gratings of decreasing mesh, which sort it out into various sizes. To clean small coal, hand-picking would be too expensive, and washing with water is used instead. The 'stuff' is poured into jiggling-troughs, which keep the contents in constant motion, and cause the heavy impurities to sink to the bottom—whence they are ejected through a valve"



## THE TRAGEDY OF THE NIAGARA ICE-BRIDGE: AN UNTOUCHED PHOTOGRAPH.

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CATCHING THE ROPE WHICH HE LET GO WHEN HIS STRENGTH FAILED HIM AND HE FELL INTO THE WATER:

MR. BURRELL HEACOCK ON THE ICE-FLOE BELOW THE FALLS.

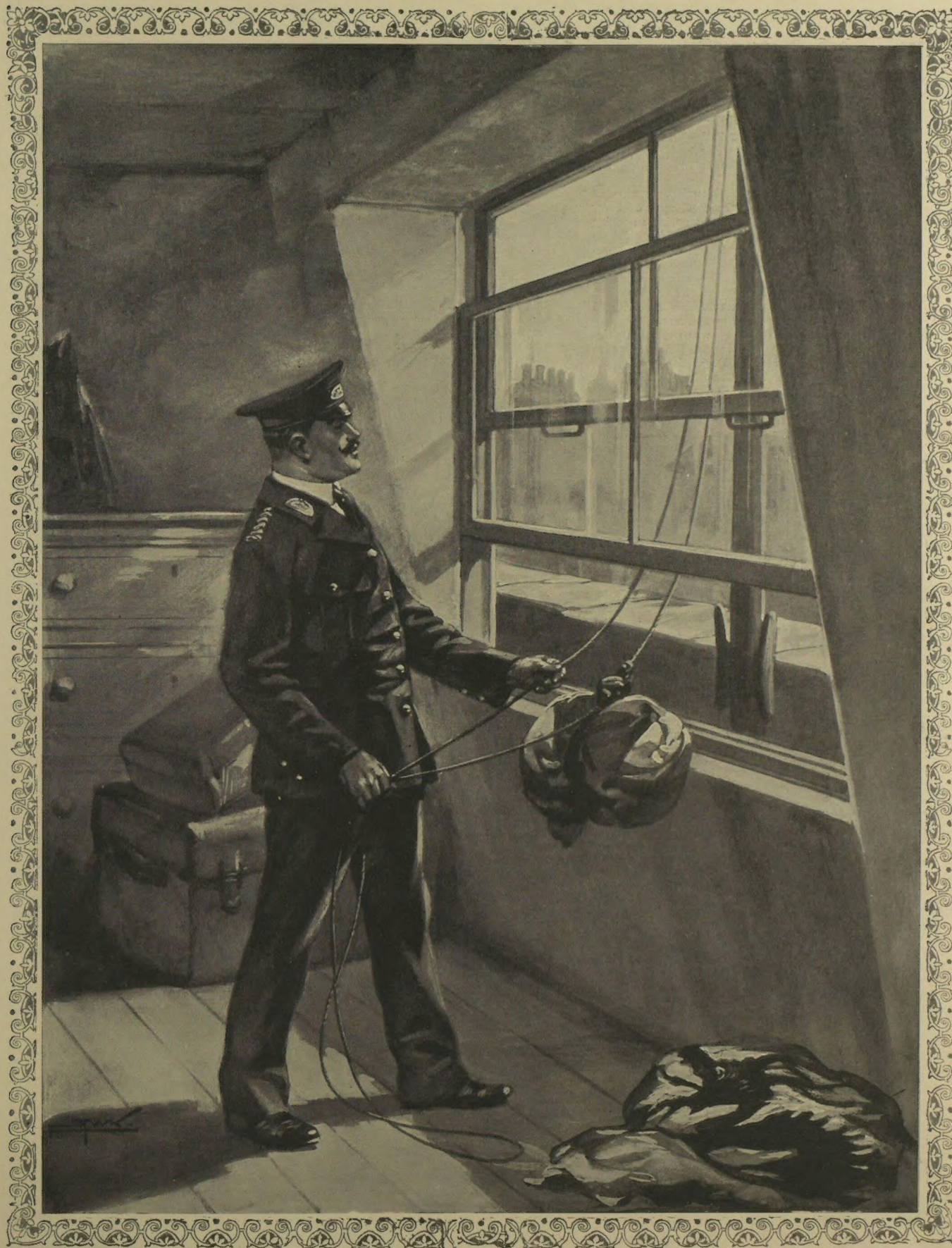
On February 4 a most tragic occurrence took place at the Niagara Falls, an ice-bridge giving way while a number of people were upon it, and floating down-stream to the Rapids. Mr. and Mrs. Eldridge Stanton, of Toronto, and Mr. Burrell Hescock, of Cleveland, tried to reach the Canadian shore, but found open water, and so returned to the American side. Eventually, while attempts at rescue were being made, the ice-floe on which the three were standing divided, leaving the Stantons on one part and Hescock on the other. As he drifted past the cantilever bridge, Hescock grabbed a rope, and was hauled up a little way. Then

his strength left him; he loosed his hold, fell into the water, was crushed by the ice, and was drowned. Mr. Stanton also caught at a rope, but this broke as he was trying to put it round his wife. At the bridge, he caught another rope, and again tried to tie his wife to it; this he could not do, his hands apparently being numbed. Then the two knelt upon the ice, and a moment later were beneath the water. The ice "bridge" which broke was formed of great hummocks of ice welded together at the foot of the great cataract, and giving a dry passage from the American to the Canadian side. Hundreds witnessed the catastrophe.



## THE FIVE-COLOURS REPLACES THE DRAGON: NEW CHINA IN LONDON.

DRAWN BY H. W. KOEKKOEK.



BRITAIN'S UNCEREMONIAL PART IN ANNOUNCING A NEW ORDER OF THINGS: ONE OF THE VETERANS' CORPS HOISTING THE FLAG OF THE CHINESE REPUBLIC OVER THE CHINESE EMBASSY IN LONDON FOR THE FIRST TIME.

Sunday, February 18, was the Chinese New Year's Day, and for the first time the new Republican five-coloured flag was displayed over Peking in place of the old Dragon flag. In similar fashion, the Dragon having been hauled down on the Saturday night, the Republican flag was hoisted over the Chinese Legation in London on the Sunday. The flag

was hauled to the masthead and broken without ceremony by the Embassy's hall-porter, one of the Veterans' Corps, who performed his duty from an attic window. The flag has five perpendicular stripes—red, yellow, blue, white, and black—symbolising the five united races: that is to say, the Chinese, the Manchus, the Mongols, Tibetans, and Mohammedans.





Photo. News Illus. Co.  
THE LATE ADMIRAL-OF-THE-FLEET  
SIR NOWELL SALMON,  
Who won the Victoria Cross at the Second  
Relief of Lucknow.

shot a Sepoy sharpshooter who was doing great execution among the Naval Brigade. From 1882 to 1885 he was Commander-in-Chief at the Cape of Good Hope, and from 1887 to 1891 in China. Three years later he received the Portsmouth command, and held it until after the Diamond Jubilee review at Spithead.

Liverpool has been requested by the India Office to lend the services of the City Engineer, Mr. John Alexander Brodie, for five months, to assist in the laying-out of the new capital of India at Delhi. Mr. Brodie began his career in 1875 in the engineering department of the Mersey Docks and Harbour Board. He has held his post at Liverpool for fourteen years.

#### PORTRAITS AND PERSONAL NOTES.

THAT distinguished sailor, the late Admiral-of-the-Fleet Sir Nowell Salmon, won his Victoria Cross on land, though by an action in which his naval experience was doubtless useful. At the second Relief of Lucknow he climbed a tree under fire, which had proved fatal to several men who had made previous attempts, and

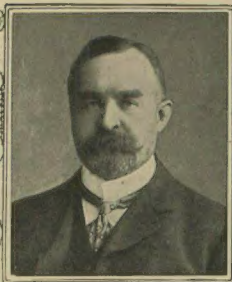


Photo. Aldington.  
MR. J. A. BRODIE, M.I.C.E.,  
Who is to assist in laying  
out the new Capital of  
India at Delhi.



Photo. Lafayette.  
MR. ELLIS J. GRIFFITH, K.C., M.P.,  
Who has been appointed Under-Secretary  
to the Home Department.

Peerage three years ago. His Captaincy was held in the 5th Lancers, with whom he served in the Sudan Expedition of 1885. He represented Dumbartonshire in the House of Commons from



Photo. Lafayette, Dublin.  
THE NEW GOVERNOR OF MADRAS  
AND HIS FAMILY: LORD AND  
LADY PENTLAND, WITH THEIR  
SON AND DAUGHTER.

1892 to 1895, and Forfarshire from 1897 to 1909. In 1905 he became Secretary for Scotland, and largely in-



Photo. Elliott and Fry.  
SIR FREDERICK LUGARD, G.C.M.G.,  
Appointed Governor of Nigeria.

fluenced the Government's Scottish land policy. In 1904 he married Lady Marjorie Gordon, daughter of the seventh Earl of Aberdeen. They have two children, the Hon. Margaret Sinclair, born in 1905, and the Hon. Henry John Sinclair, born in 1907.

The Royal Humane Society has awarded the Stanhope

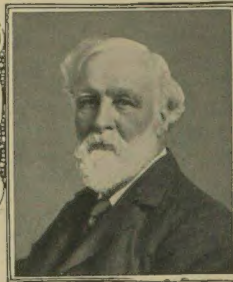


Photo. Elliott and Fry.  
THE LATE SIR FRANK  
MARZIALS,  
The well-known Littérateur,  
formerly Accountant-  
General of the Army.

Royal Naval Reserve. At the risk of being seized by sharks or struck by the steamer's propeller, he jumped into the Red Sea from the Glasgow steamer *River Clyde* in an attempt to rescue a Chinese fireman who had thrown himself overboard. Mr. Halliday is a son of the minister of the United Free Church at Peterhead.



Photo. Shivas, Peterhead.  
SUB-LIEUTENANT C. C. HALLIDAY,  
R.N.R.,  
Awarded the Stanhope Gold Medal for 1911  
for the Bravest Action of the Year.

Count Aehrenthal, the famous Austro-Hungarian Foreign Minister, did not live long to watch and develop the results of his bold policy in bringing about the annexation of Bosnia and Herzegovina. He was only in his fifty-eighth year when he died, having been born in 1854, at Grosskal, in Bohemia. He studied law at Prague and Bonn, and on entering the Diplomatic Service in 1877 was attached to the Austrian Embassy in Paris. The next year he went to St. Petersburg, where he was destined to spend, at one time or another, over eighteen years of his career.

He stayed there until 1883, when he became Chief de Cabinet to Count Kalnoky in Vienna. In 1888 he returned to St. Petersburg as Councillor of Legation, and six years later became Minister to Bucharest. In 1899 he went again to St. Petersburg as Ambassador, retaining that post till 1906, when he succeeded Count Goluchowski at the Foreign Office in Vienna.

Nigeria now forms a single country, its Southern and Northern divisions, previously separate, politically speaking, having been united. The new Governor of Nigeria, Sir Frederick Lugard, has for the last five years been Governor of Hong-Kong. He was High Commissioner for Northern Nigeria from 1900 to 1906, and has seen much active service in Africa, as well as in Burma and Afghanistan.

Sir Frederick Lugard's successor at Hong-Kong, Sir Francis May, was two years ago appointed Governor of Fiji and High Commissioner for the Western Pacific. He already knows Hong-Kong well. He was Superintendent of the Victoria Gaol and the Fire Brigade there for six years (1896-1902), and Colonial Secretary there for the next eight years, during five of which he administered the government.

Sir Francis May is succeeded at Fiji by Sir Ernest Sweet-Escott, who for the last six years has been Governor and Commander-in-Chief of the Leeward Isles. He was the first Governor of the Seychelles Islands, and simultaneously held the same office in British Honduras, from 1904 to 1906. He was formerly Classical Professor at the Royal College, Mauritius, and served in that island for eight years.

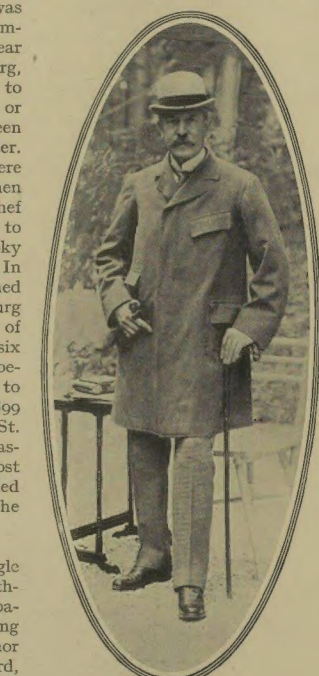


Photo. Record Press.  
THE STATESMAN WHO HAS  
BEEN CALLED "THE BISMARCK  
OF AUSTRIA-HUNGARY": THE  
LATE COUNT AEHRENTHAL.  
The famous Austro-Hungarian  
Foreign Minister, who brought about  
the annexation of Bosnia and Herze-  
govina.



Photo. Crabb, Southampton.  
TAKEN AFTER HIS PORTS  
MOUTH FLIGHT, WHEN HE  
"SHELLED" A FORT WITH  
ORANGES: THE LATE MR.  
GRAHAM GILMOUR.

The well-known Airman, who was killed by the fall of his Monoplane while flying over Richmond Park.

time of the Crimean War, and retired in 1904, having been for six years Accountant-General of the Army. He was co-editor of the "Great Writers Series," for which he wrote the Lives of Dickens and Victor Hugo, and collaborated in that of Thackeray. He also published biographies of Brown-

ing, Molière, and Gambetta. It is not so often from the War Office as from other public departments that our literary Civil Servants proceed. Sir Frank Marzials was an exception. He entered the War Office at the time of the Crimean War, and retired in 1904, having been for six years Accountant-General of the Army. He was co-editor of the "Great Writers Series," for which he wrote the Lives of Dickens and Victor Hugo, and collaborated in that of Thackeray. He also published biographies of Brown-

ing, Molière, and Gambetta. Mr. C. F. G. Masterman having been appointed Financial Secretary to the Treasury, his place as Under-Secretary to the Home Office has been taken by Mr. Ellis Griffith. Mr. Griffith has represented Anglesey in the House of Commons for seventeen years. When at Cambridge he was President of the Union. He was called to the Bar in 1887, and since 1907 has been Recorder of Birkenhead.

Formerly well known as Captain Sinclair, Lord Pentland, the new Governor of Madras, was raised to the

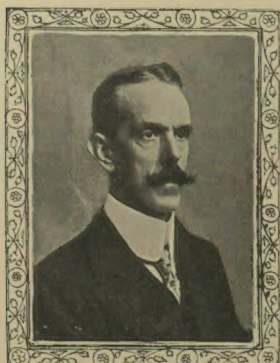


Photo. Elliott and Fry.  
SIR ERNEST SWEET-ESCOTT, K.C.M.G.,  
Appointed Governor of Fiji and High Com-  
missioner for the Western Pacific.

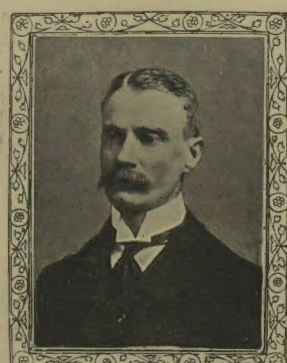


Photo. Elliott and Fry.  
SIR FRANCIS MAY, K.C.M.G.,  
Who succeeds Sir Frederick Lugard as  
Governor of Hong Kong.



## THE DEFEATER OF "HOSPITALISM": THE FOUNDER OF ASEPTIC SURGERY.

DRAWN BY CYRUS CUNEO, R.O.I.



HONOURING IN DEATH THE MAN WHOSE TEACHING HAS SAVED MANY THOUSANDS OF LIVES: THE FUNERAL SERVICE FOR LORD LISTER IN WESTMINSTER ABBEY.

Lord Lister, above many men, earned burial in the Abbey, and his remains would have rested there had he not requested that he should be buried in the Hampstead Cemetery, where his wife was interred in 1893. The funeral service was held in Westminster Abbey on February 16. The pall-bearers were Lord Rayleigh, Lord Rossbery, Lord Iveagh,

Sir Archibald Geikie, Principal Sir Donald MacAlister, Sir Watson Cheyne, Mr. R. J. Godlee, and Professor F. M. Caird. Lord Lister earned undying fame as founder of aseptic surgery, which put an end to those causes of death after surgical operations often described collectively as "hospitalism," the result of microbe-laden instruments and microbe-laden air.



## Art, Music,

## &amp; the Drama.



CHARLES d'ANNUNZIO VISITS CIMABUE'S STUDIO.



Photo, Foulsham and Banfield.  
 "THE EASIEST WAY," AT THE GLOBE: LAURA MURDOCK (MISS SARAH BROOKE), AIDED BY ANNIE (MISS VIOLETTE RAND), PACKS UP IN HASTE, DETERMINED TO GO AWAY AND MARRY JOHN MADISON.



CIMABUE WATCHING THE BOY GIOTTO DRAWING SHEEP.

## ART NOTES.

IN d'Annunzio's "La Gioconda" the statue, in falling, crushes the hands which Duse so piteously holds out of sight; the crash is heard, the statue is not seen. When a stage statue does make an appearance, it is, in the ordinary way, expected of it that it come to life. Audiences are Pygmalion-eyed; the justification of Olympia's "Madonna" is that she has aching human muscles, and is biding her time. But in the new Pinero play, in the theatre scene, there are two modelled figures that are really unreal. The admirable "Dancing" and "Comedy" that give the Louis Quinze character to the setting are the work of a sculptor who has already made her mark on the pedestals of the International and other societies—Miss Muriel Landseer.

The variety of the work of the Society of Twelve at Messrs. Obach and Colnaghi's is not to be discounted by Mr. Campbell Dodgson's return of the membership at eighteen. Only eleven members exhibit in the present exhibition, and I could have sworn to

have been made for a more recent and more brilliant novel. If Mr. Conrad went to the back bed-sitting-rooms of Camden Town for his drama, his reporting would match Mr. Sickert's; it has

his heroine with a guillotine of a margin, and by giving all his attention to the rail of an iron bedstead. Mr. Sickert, while his talent matches the talent of several contemporary writers, as a draughtsman stands separate. Mr. Gordon Craig, too, is apart and alone; Mr. Clausen is no less; and the list of entities might be prolonged through the elastic Twelve.

Of the pictures in the Loan Collection of works by Israels, at Arthur Tooth and Sons' Galleries, the most beautiful and important are "Portrait of Our Friend," "A Friendly Visit," "Watching the Boat," and "Reflection." It is

complained that in these later works he is shown as the apostle of technical untidiness. At most it is a carelessness that has ample reason, and makes ample compensation. The self-consciousness of the careful worker vanishes in the simple desire of catching the look, not of tidy paint, but of light, and flesh in light, and the sentiment of humanity. As the human figure is in matters of proportion the unit of the world, so is the tone of human flesh the gauge he uses in setting his palette.

Further south are more etchings by Mr. Cameron and Mr. William Strang, and with them Messrs. Connell and Sons show new prints by various active etchers, including Mr. William Walker's "Buckingham Palace." This happily seizes a fugitive effect—the gleaming whiteness of the Victoria Memorial against the sooted façade breezes from the East.

Here is more evidence of the artist's joyful independence of the architect. The best drawings and etchings in this kind are not seldom made from the worst inventions in brick and stone.

Mr. Elliott Seabrooke, whose drawings have come after Mr. Roger Fry's at the Caxfax Gallery, is not otherwise a follower. Such charm as his is at no time common, and Post-Impressionism has made it, for the moment, very rare. That it is not less prized on that account, and that the sales in Bury Street are numerous (perhaps even more numerous than at Mr. Fry's exhibition), is a sign of a fine variety in contemporary patronage. E. M.



Photo, Foulsham and Banfield.  
 IN "THE FIRE-SCREEN": MISS KATE CUTLER AS ANGELA VERRINDER.

the presence of twelve, or at least eleven, personalities or styles, instead of the two or three that are the maximum of one's expectations for most such gatherings. Mr. William Strang—with the suggestion he makes of Ricketts, of John, of Millet, of Legros, and of others, including Mr. William Strang—is himself a Society of Twelve. Mr. Havard Thomas stands alone, as the author of supremely uninteresting figure-studies—supremely uninteresting save that they come from the hand that has carved most interesting statues. The study of an Italian's head is touched with strength, and the inscription, "Who speaks ill of wine speaks ill of God"—evidently a saying of the sitter's—makes one the reader to detect the look of vineyards and the sun in his eye. Mr. Havard Thomas, whatever his powers, stands separate. And so do the rest. Mr. Walter Sickert has the wittiest and most modern touch of all. It is true that his penmanship had much the same aspect twenty years ago, when he drew portraits of celebrities for the *Whirlwind*, but here, as we see it now, it is entirely up to the standard of modernity set in the fiction of the day. Two illustrations to "Esther Waters" might



Photo, Foulsham and Banfield.  
 "THE EASIEST WAY," AT THE GLOBE: WILLARD BROCKTON (MR. GUY STANDING) INSISTS THAT LAURA MURDOCK (MISS SARAH BROOKE) SHALL WRITE TO JOHN MADISON, CASTING HIM ASIDE.

the same genius for the instantaneous selection of the inevitable detail.

But Mr. Sickert is less frank about his art than Mr. Conrad. Just when it seems that he has confessed to a dramatic motive, he turns the tables, and wilfully spoils the story by beheading



Photo, Foulsham and Banfield.  
 "THE FIRE-SCREEN," AT THE GARRICK: THE FOUR PEOPLE MOST CONCERNED.

From left to right are seen Miss Kate Cutler as Angela Verrinder, Mr. J. Fisher White as Oliver Hadden, Miss Violet Vanbrugh as Martha Hadden, and Mr. Arthur Bourchier as Horace Travers.



## WILL CHINA KNOW THEM NO MORE?—IMPERIAL MILITARY EXECUTIONERS.



OFFICIALS MUCH VALUED BY THE MANCHU DYNASTY WHICH HAS COME TO AN END: SOLDIERS OF THE CHINESE ARMY WHOSE BUSINESS IT WAS TO CARRY OUT THE EXTREME PENALTY OF THE LAW.

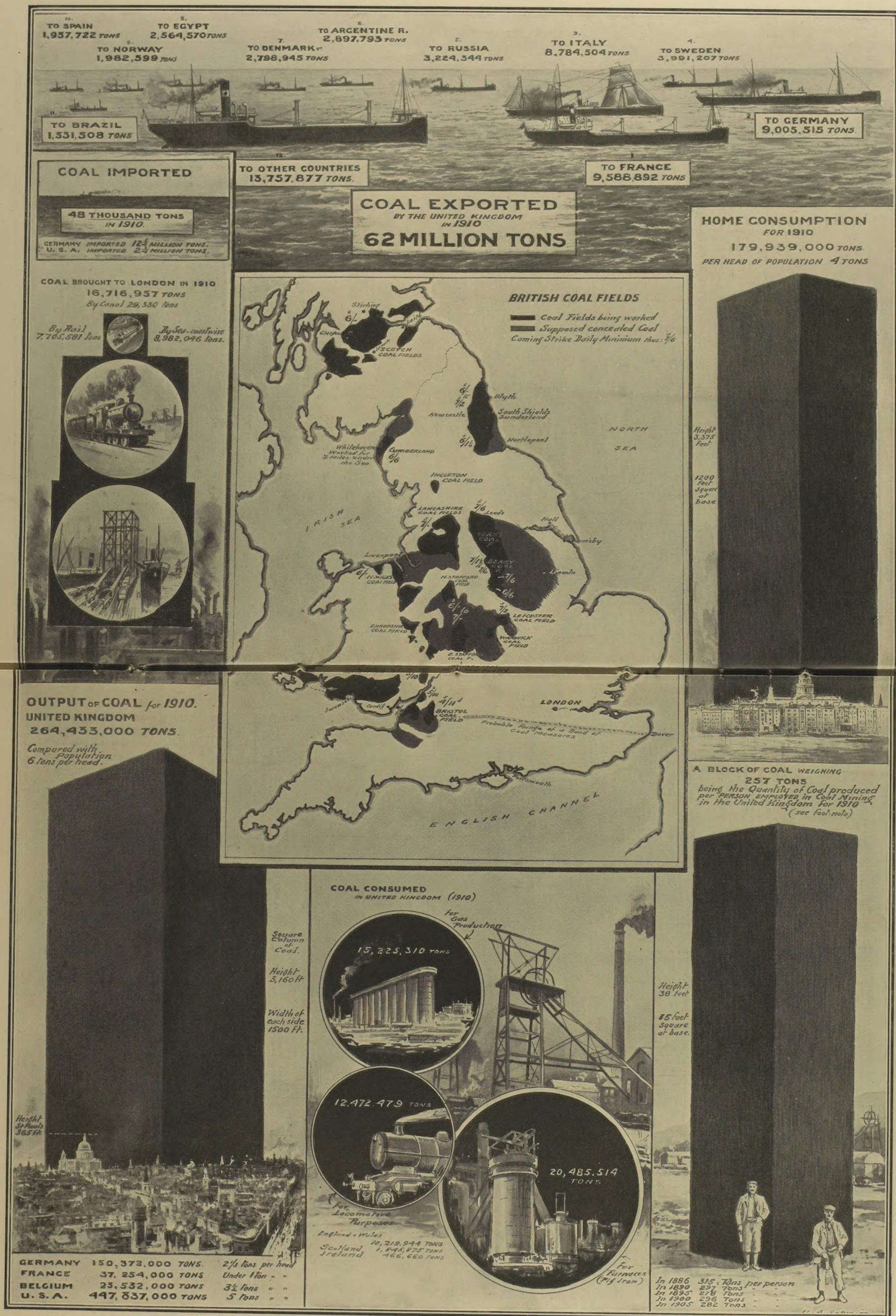
The executioner has been a grim and prominent figure in Chinese life for many generations, and he has place even in the modern, Europeanised Chinese Army. Whether his duties will be less called for under a Republican Government than they were under Imperial Manchu

rule remains to be seen. Meantime, it may be recalled that one of the first persons upon the scene after the recent attempted assassination of Yuan Shi Kai was the High Executioner, who smiled as he mounted guard over the prisoners after the outrage and awaited orders.



# COAL; THE MINERAL OF THE MOMENT: WHAT IT MEANS TO GREAT BRITAIN.

DRAWN BY W. B. ROBINSON.



SUBJECT OF A MOVEMENT WHICH MIGHT END IN A DISASTER SECOND IN DESTRUCTIVENESS ONLY TO AN INVASION: THE COAL SUPPLY OF THIS COUNTRY: EXPORTS; IMPORTS; AND OTHER FIGURES.

It has been said with a very considerable amount of truth that the threatened coal strike might, if it came into being, end in a disaster next only in destructiveness to an invasion. Its immediate results would be that some 650,000 miners would be idle; that £2,000,000 in strike funds would begin to dissolve; that half a million iron-workers, 60,000 engaged in the Potteries, many employed in the Lancashire cotton-mills, thousands of railway and transport workers and others would be affected; that railway services would be curtailed, shipping interfered with, the food supply imperilled, the water, gas, and

electricity supplies endangered: practically, indeed, every industry depending upon mechanical power would be vitally concerned. Attention may be called in particular to the diagram on this page which shows that in 1910 each person employed in coal-mining was represented by the production of 257 tons; for it will be remarked that the quantity produced per person annually has been steadily on the decrease. In 1886 it was 315 tons; in 1890, 297 tons; in 1895, 278 tons; in 1900, 296 tons; and in 1905, 282 tons.





MISS MIRIAM ALEXANDER.  
Miss Alexander won Mr. Andrew Melrose's 250-guinea prize novel competition with her book "The House of Lisonan." The judges were Messrs. A. C. Benson, A. E. W. Mason, and W. J. Locke.



## At the Sign of St. Paul's

ANDREW LANG ON THE PROPOSED REVIVAL OF THE CLAN SYSTEM.



LADY GLENCONNER.  
Lady Glenconner's Anthology of Prose and Verse, "The White Wallet," has just been published by Mr. Fisher Unwin. Her husband, formerly Sir Edward Tennant, was raised to the Peerage last year. (Photo, Bullingham.)

PEOPLE send me curious little newspapers. One has a coloured cover, with a design apparently representing a sportsman who has just obtained the "Prize for the Best-Dressed Highlander" at the Oban Gathering. While he mincingly sketches a few steps, doubtless of a Caledonian reel, on boulders of a river-bank, he extends a hand armed with a small wooden cross, the Fiery Cross which used to summon the clans to battle. The conductors of this periodical formulate a number of political and social demands, one of which is the restoration of the clan system.

Of that system, like the feudal system, or perhaps any other, we may say that when it was good (as in the hands of the gentle Lochiel) it was very, very good, but when it was bad it was horrid! Taking up "The History of the West Highlands and Islands," by Dr. Gregory (1836), and opening it at a venture, one finds the words "slaughter," "butchery," "execution" on almost every page. Thus (page 208) Ranauld

transferred her affections to another branch of the Macleods, eloping with John Macgillechallum of Rasay. On this, her husband divorced her, and also repudiated her son, Torquil, on the allegation that the boy was not his own son, but that the boy's father was "the Breve, or Celtic Judge of the Lewes."

We have here all the materials for a very pretty quarrel, especially when the Laird of the Lewes married the Hon. Barbara Stewart and by her had a son, named Torquil, like the other lad of disputed paternity. Which Torquil was the true heir, the Simon Pure? The Mackenzies naturally took the side of their kinswoman who eloped with John Macgillechallum, and fought for Torquil, while the Stewarts as naturally stood up for Torquil II., who, strange to say, was not murdered, but was accidentally drowned. At this juncture, Ruari Mac-Allan, a Macleod of Rasay, invited the Laird thereof and all his kin to a dinner on an island, and thereafter had them butchered, one by one, before his eyes. But that was only the beginning of more betrayals and murderings, torturings and burnings. This was the friendly and peaceful state of clan society when Shakespeare and his contemporaries were about to produce their dramatic masterpieces. Can one deny that the clan system was not so very immaculate that



WEARING THE "LITHAM"  
TO KEEP OUT SAHARA  
SAND: HOGGAR TUAREGS  
NEAR ANNET WELLS.

"These curious veiled people of the Sahara are said to have been driven out of North Africa many centuries ago. . . . The 'litham,' or veil, covering the face is primarily designed to keep out the choking desert sand. . . . The Hoggars had a most unenviable reputation as the greatest robbers in the Sahara until quite recent years."

### "THROUGH TIMBUCTU AND ACROSS THE GREAT SAHARA."

BY CAPTAIN A. H. W.  
HAYWOOD, F.R.G.S.

Illustrations Reproduced  
by Courtesy of the Pub-  
lishers, Messrs. Seeley,  
Service and Co.  
(See Review on "Litera-  
ture" Page.)



WHERE THE "CHRISTIAN DOG" IS ONLY TOLERATED BECAUSE HE IS FEARED:  
THE MOSQUES AT OUARGLA.

"These narrow, tall mud towers are ascended by a steep and tortuous stairway. At the summit is a small platform on to which the 'muezzin' climbs when he summons the faithful to prayer. These Arabs are one and all fervent Mohammedans; a mixture of creeds such as obtains in India finds no favour with them. The European is to them a Christian dog whose presence is only tolerated because he is feared."

From "Through Timbuctu and Across the Great Sahara."



AN OUTPOST OF CIVILISATION IN THE SAHARA: THE OASIS OF OUARGLA,  
WHERE THE FINEST DATES ARE GROWN.

"This place might appropriately be called one of the outposts of civilization in the Northern Sahara. After crossing over 1300 miles of desert one sees for the first time a collection of flat-roofed houses, a market-place full of bargaining, gesticulating Arabs, and that most evident sign of civilization, the electric telegraph. Ouargla exists by her date trade. Here is grown the finest date of commerce, the desert date as we know it in England."

From "Through Timbuctu and Across the Great Sahara."

Macdonald Glas of Keppoch was, unfortunately, "concerned in the slaughter of the Frazers," his neighbours in the country. Then the Mackintoshes, also neighbours, caught Ranauld Macdonald Glas, also his friend Ewan Cameron of Lochiel, and handed the pair of squires over to the Earl of Huntly, a Gordon.

He seems to have been a poor creature, attached to legal formalities, for he brought the two chiefs before a jury of their peers. The two chiefs were not only found guilty, but, in a singularly unneighbourly style, were made to lose their heads, which were stuck on spikes above a gate. These measures appear to have sobered the spirits of the clansmen.

Things were very complicated on Skye, the Lewes, and the mainland. The chief of the Macleods of the Lewes married Miss Janet Mackenzie, of Kintail. They had a son, Torquil; but then the Lady of Lewes



ONCE THE CAPITAL OF A GREAT BLACK EMPIRE, NOW A FRENCH POSSESSION: TIMBUCTU,  
THE SUBJECT OF TENNYSON'S PRIZE POEM.

"Timbuctu was originally the capital of a great black empire. . . . The Sonhay Empire was far the most powerful in Western Africa. . . . till the Moorish invasion in 1482. The Moors. . . were in turn driven out by the Tuaregs about the seventeenth century, and the Tuaregs remained until the French finally captured the town at the end of last century. . . . The trees are in the cemetery. A monument is put up here to Lieut. Aube and his party, who were killed in a battle with the Tuaregs at this spot in 1894." Tennyson won the Cambridge prize poem with his "Timbuctoo" in 1829.

From "Through Timbuctu and Across the Great Sahara."

men should clamour for its restoration? An interesting trait in the character of one young chief is that he gave his mother in marriage to a gentleman of suitable age and rank; gave a banquet to the happy pair; and then, surrounded by his friends, burst into the bridal bower, intent on shedding the blood of the bridegroom, his own stepfather. The bride, weeping and tearing her hair, persuaded her child to abandon his fell purpose. The hero of this anecdote was Lachlan, the chief of the Macleans. Casually opening a catalogue of letters of 1581, I find Lachlan charged with seizing an English ship and cargo, slaying some of the seamen, "and casting their bodies to the dogs to be devoured."

The idea of bringing back the clan system might occupy the satiric pen of the young lady who, in a recent novel, is editor of the *Anti-Tommy-vot Gazette*.



## TAXIS ARMED WITH QUICK - FIRERS: "PUBLIC GUN - CARRIAGES."

DRAWN BY CECIL KING.



THE CYCLISTS' "ARTILLERY": MAXIMS CARRIED ON MOTOR - CABS.

It is reported that it has been definitely decided to employ taxi-cabs for the transport of the two Maxims with which each Cyclist Battalion of the Territorial forces is armed. Each gun will be carried across the seat of a cab, which must open at the back, as the quick-firer is too big to go through the door. Other taxis will carry the bulk of the ammunition, spare parts, and so on. The drawing shows one gun mounted ready for action at cross roads; and another being unloaded over the back of a cab, the tripod being already on the

ground. In the distance is an ammunition-cab followed by a few men of the section as escort. Possibly, on mobilisation the whole of the superstructure of the cab will be removed and the gun will be carried on the bare chassis. Otherwise the impromptu "gun-carriage" might be too noticeable. In fact, it remains to be seen whether the dust thrown up by so large a vehicle will not "give the show away" in any case. A gun section consists of an officer, a non-commissioned officer, and twelve men.



## SCIENCE AND

## NATURAL HISTORY

The Horseshoe.

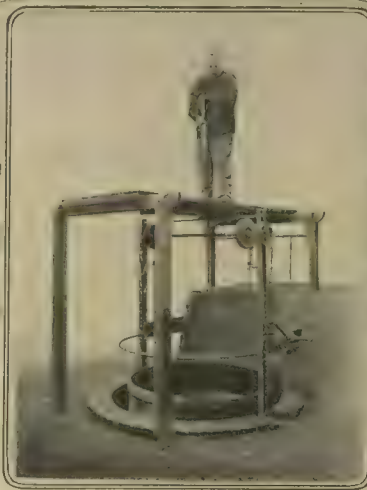
XVI<sup>th</sup> cent.SCIENCE  
JOTTINGS.

LORD LISTER.

THE death of Lord Lister marks an era in the history of

the healing art such as is apt to escape the notice of the man in the street. Nothing is more sad to my mind, and nothing is more reprehensible, than the ignoring of the benefactors of humanity who have made life more pleasant, safer, and more enjoyable. We are daily encompassed by risks of death, and the man who, in one way or another, teaches us how to avoid these risks, and therefore promotes the sum total of our well-being, deserves to be credited with a share in the advancement of humanity such as falls to the lot of few of Nature's disciples. In a few days, Lord Lister's name will be forgotten by the mass. This is the fate of all reformers. The currents of active life roll on and sweep away memories and incidents of events that have practically made our modern existence easier and more beneficent.

Ere these words meet my reader's eyes, countless tributes to Lister's genius will have been both penned and read. Personally, as a medical student in Edinburgh in the days when Lister succeeded his father-in-law, James Syme, in the chair of Clinical Surgery in the University of Edinburgh, I remember Lord Lister well. These were the days when Spence, Heron Watson, and others ruled the world of surgery in the North. Syme, the wonderful diagnostic, was our idol. He was quiet in manner, bold in operation, and always fertile in resource. His private assistant was Mr. Annandale, who afterwards succeeded to the chair of



TESTING THE VELOCITY OF BULLETS BY FIRING INTO WATER.

The more usual method of testing the velocity and effect of bullets is by shooting into a horizontal trough filled with water, and closed with a diaphragm made of a material which contracts, so that when it is perforated by the bullet no water exudes. The trough is divided by partitions, and according to the velocity of the bullet it falls into one of these divisions. By marking the bullets, or by fishing them up as they fall, one can determine the velocity by the division into which they have fallen, the distance of the water penetrated giving a measure of the velocity.

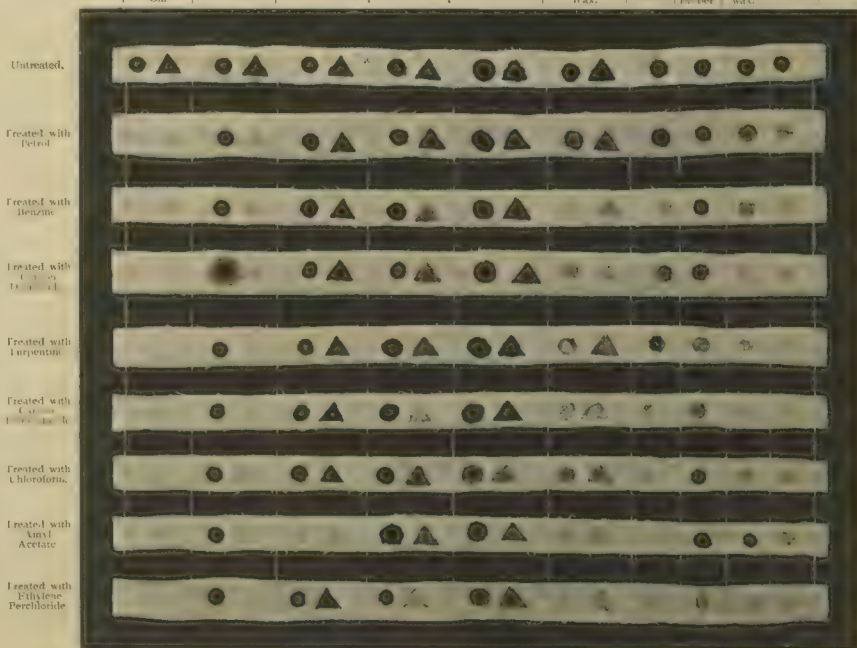
it against sources of aerial contamination, and you may then find safety. These things Lister taught and practised.

I remember well his first carbolic-acid spray worked by medical students—we called it the "donkey engine," probably because we knew no better—and we then wondered at the results he obtained. Hospital wards were teeming with microbes, as, no doubt, they are to-day, but Lister's idea was that they should not gain admittance to wounds. There were sneers and gibes in plenty in Edinburgh at that time. I remember them well; but Lister had the useful faculty of not heeding silly criticism. He survived the "donkey engine" stage,

and further perfected his system. And, so, to-day, operations are undertaken with full hope of success such as, formerly, were regarded as hopeless of achievement in the way of healing measures.

We are all apt to belittle what is done in the way of advance in any department of science, unless we pay heed to the stages through which such advance has been accomplished. The germ theory of disease has revolutionised medicine: it is due to Lister that this theory has made good its standing and has found itself on a sure basis. I remember the days when it was supposed to be a fatal thing to touch the peritoneum, or lining membrane of the abdomen. Lawson Tait, my friend, showed that this was incorrect, and operated with success in thousands of cases, though, with a certain twist of thought, he never could be got to acknowledge the debt he and others owed to Lister in paving the way by the assertion that, so long as you excluded microbes from the scene of operation, you might practically deal with any part of the human body. Truly, a great man has gone to rest. ANDREW WILSON.

Lubricating Oil | Oil Paint | Spirit Varnish | Lacquer | Coal-Tar | Colliler's Wax | Resin | India Rubber | Bees-Wax | Paraffin |



GREASY MARKS AND METHODS OF REMOVING THEM: STAINS AND THEIR "CURES."

Our photograph illustrates various methods adopted for removing from material greasy marks of ten different kinds. For the rest, it explains itself.

Clinical Surgery when Lister left for London, for Lister had come from Glasgow to succeed Syme, his father-in-law. Joseph Bell—the original, it is said, of "Sherlock Holmes"—was Syme's hospital assistant, and Conan Doyle was, I understand, a pupil of Bell's, as I myself happened to be his class-assistant for more than one year of office. "There were giants in these days," in surgery, as it was then practised. Syme and Spence and others represented the ideal surgeons of the day, and we were all proud of the Edinburgh school of medicine, whereof Hughes Bennett and Saunders, Grainger Stewart, and Simpson—"Chloroform Simpson" as he was called by outsiders—were also acknowledged representatives.

But there was "the little rift within the lute" to be reckoned with. "Septic fever" followed on operations with deadly effect. Even simple operations seemed to go wrong in their after-course, and ended in death. Lister, knowing and seeing that you could not be sure and certain of results where you had to make a communication between the body's exterior and its interior, took unto himself the solution of the problem why simple operations should be followed by what we may call, popularly, blood-poisoning. Pasteur's researches on fermentation helped him. If fermentation was caused by microbes, why should not infection of wounds made in course of surgical operations be similarly caused? This idea was Lister's guiding clue. Protect the wound; see that no possible infection could result; guard



THE PROPOSAL TO PROVIDE "WIRELESS" ELECTRICAL POWER: THE GREAT TOWER ERRECTED ON MR. NIKOLA TESLA'S LONG ISLAND LABORATORY.



MADE BY THE SCIENTIST WHO SAYS HE COULD LIGHT NEW YORK BY ELECTRICITY WITHOUT THE AID OF WIRES: A FEARSOME ELECTRICAL DISCHARGE.



## FOLLOWER OF A DYNASTY WHICH ENDURED FOR 267 YEARS.

DRAWN BY A. C. MICHAEL.



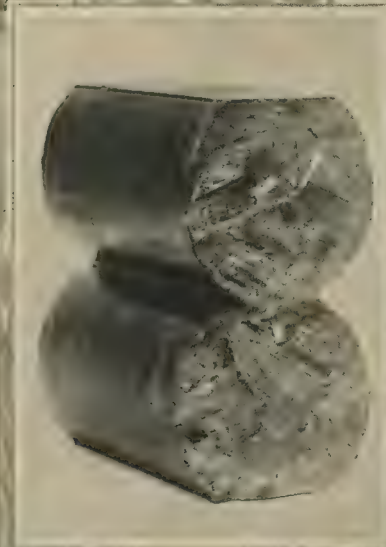
OMNIPOTENT; THEN AN EXILE; NOW IN POWER AGAIN: YUAN SHI KAI, PRESIDENT OF THE PROVISIONAL-GOVERNMENT OF THE CHINESE REPUBLIC.

Yuan Shi Kai, elected President of the Provisional Government of the Chinese Republic in place of Dr. Sun Yat Sen, who resigned in his favour in company with the Revolutionary Cabinet, has cut off his pigtail, the badge of Manchu servitude; although he still shows strong desire not to wound the feelings of the fallen, by deprecating any general rejoicings over his occupancy of the Presidency. He it was, it will be remembered, who was called out of exile by the Imperialists in the early stages of the crisis to become Viceroy of Hunan and Hupeh, and suppress the growing rebellion. Into this exile he had been sent in January of 1909, when he was handed an edict which told him that, as he was unexpectedly suffering

from an affection of the foot which made it difficult for him to go about his duties properly, he must resign. Under the late Dowager-Empress he was practically omnipotent; and he it was, it is said, who arranged the three Edicts in which the Manchu dynasty announced the end of its 267 years' rule. The first of these contained the passage: "Let Yuan Shi Kai organise, with full powers, a Provisional Republican Government, and let him confer with the Republicans on the methods of establishing a union which shall assure the peace of the Empire, and of forming a great Republic uniting Manchus, Chinese, Mongols, Mohammedans and Tibetans."



# NO FEAR OF COAL STRIKES: THE NILE'S SUBSTITUTE FOR BLACK DIAMONDS.



1. SMOKY: A TRAIN ON THE KHARTOUM LIGHT RAILWAY USING COAL.
2. SMOKELESS: A TRAIN ON THE KHARTOUM LIGHT RAILWAY USING SUDDITE.
3. STEAMING UNDER THE NEW FUEL MADE OF WASTE PRODUCTS: THE SUDAN GOVERNMENT STEAMER "KASSALA."

4. MADE OF THE GRASSES, PAPYRUS, UM-SOOF, ETC., GROWING ABOVE THE SUDD SWAMPS: SUDDITE FUEL.
5. WHERE THE NEW FUEL COMES FROM: IN THE SUDD REGION.
6. A METHOD THE NEW FUEL MAY ABOLISH: WOODING A STEAMER ON THE NILE.

7. TURNING WASTE PRODUCTS INTO FUEL: THE SUDD HARVEST.
8. RAW MATERIAL FOR SUDDITE: CUTTING PAPYRUS.
9. FOR USE IN DEEP WATER: A SUDD-REAPING MACHINE.

An endeavour is being made to put to commercial use the waste products of the Sudd, that great mass of vegetation which blocks the Nile at Lake No, extends for some three hundred miles, and is so dense in places that elephants could walk on it. The Sudd region covers an area of 35,000 square miles. There is now being manufactured from the grasses, papyrus, um-soof, etc., which grow above the water, a new fuel called "Suddite." The Sudd growths

are cut, tied into faggots, made into rafts, floated down the river, and then compressed into briquettes, 3 feet 6 inches long, some 3 inches thick, very tough and heavy, and combustible to the extent of 89 per cent. This Suddite is intended for use as a substitute for coal. Two tons of it do the work of a ton of coal. The cost of coal to the Government at Taufkia is £4.20 per ton; while it is claimed that Suddite could be sold at 22s. 6d. a ton.



# ANTENNÆ OF MAN'S MYSTERIOUS SERVANT: WIRES OF THE "WIRELESS."

DRAWN BY HAROLD OAKLEY.



AGLOW WITH ENERGETIC "TALK" TO ALGIERS: THE LATEST GREAT FRENCH WIRELESS-TELEGRAPHY STATION, AT BOULOGNE-SUR-MER.

Our Artist's drawing shows the most recent of France's wireless-telegraphy stations. "It is situated," writes Mr. Oakley, "on the high ground—known as 'La Narroquerie'—at the back of Boulogne-sur-Mer. In the picture three out of the four steel lattice-work towers which comprise the aerial station are shown. A roof aerial in the form of a horizontal cross is supported from the tops of the four towers. A vertical wire from the mid-point of the cross A is led into the station building, which is located in the centre of the aerial system. This wire enters the building at B, through a vertical tunnel insulator.

Attached to the tops of the four towers is a cable, from which is suspended on each side a harp of six wires hung from insulators. These harps are marked C, D, E, and F. At the lower end of each harp the wires are joined and are connected up by a single conductor leading into the station. Communication is kept up nightly with Algiers; that is, over a distance of 1600 kilometres. 'Talking' by 'wireless' is easier at night, and also more effective over water than land. The antennæ of the aerial when very highly charged with electricity are occasionally seen bright by the naked eye."



## THE MAKING OF THE MODERN ENGLISHMAN: No. III.—THE COMING OF THE NORMANS.

FROM THE PAINTING BY R. CATON WOODVILLE.



## HOW "THE GOLD DRAGON OF THE WESSEX KINGS ON HASTINGS FIELD WENT DOWN": HAROLD'S LAST STAND AGAINST WILLIAM THE CONQUEROR'S HOSTS.

"Sire, we have looked on many and mighty things In these eight hundred summers of renown Since the gold dragon of the Wessex Kings on Hastings field went down." Thus William Watson opens his stately "Ode on the Coronation of King Edward VII.," and the lines may be aptly quoted in connection with our picture, which represents the last stand of Harold at Hastings, at the moment when the fatal arrow entered his eye. Either by a feigned flight, or by an attack of archery, William succeeded in drawing most of the Saxon army from their strong position on the hill, and cut them to pieces with his cavalry. "The house-carles of Harold," writes Professor Oman in his "History of England," "still stood firm around the two standards . . . but the rest of the English

army was annihilated. Then William led his hosts against this remnant. . . . Formed in an impenetrable ring, the King's guards held out till nightfall. . . . But Harold himself was mortally wounded by an arrow in the eye, and one by one all his retainers fell around him, till, as the sun was setting, the Normans burst through the broken shield-wall, hewed down the English standards, and pierced the dying king with many thrusts." The picture illustrates the different weapons and armour of the Saxons and Normans, and also the miscellaneous character of Harold's forces. His "house-carles," or bodyguard, were "men in full armour and wielding huge axes," as J. R. Green describes them, but most of his other followers were a mere rabble of half-armed rustics.





## LITERATURE

**"Social Life in the Insect World."**

M. Fabre, the famous French entomologist and author of the "Souvenirs Entomologiques," deserves to be more widely known in this country, and it is good to find that selections from his ten-volumed masterpiece are being presented at last to the English reader. One volume was issued a few months ago, and now fifteen chapters, carefully translated by Mr. Bernard Miall, have just been published under the title, "Social Life in the Insect World" (T. Fisher Unwin). They make a considerable book, and have some excellent illustrations. It is astonishing to note the result "when Science from Creation's face Enchantment's veil withdraws." In the volume under notice we find the chapters in which M. Fabre destroys the old fable of the Cigale and the Ant, pointing out that the former could never have gone to the ant, as Aesop suggests, for many reasons, one of them being that the cigale does not eat corn or any solid food, and, a still more cogent one, that she dies before the winter. Another fond illusion is taken away when the

Praying Mantis is considered: we have no suppliant here, but "the tiger of the peaceful insect peoples." The Golden Scarabeus, the Field Cricket, and many another insect of Provence are examined and discussed with the certainty and understanding that justify Charles Darwin's description of M. Fabre as an "inimitable observer," and with a charm of style that loses nothing in Mr. Bernard Miall's

apply some of the lessons of insect life to the larger issues that concern mankind. For such a volume as "Social Life in the Insect World" one must be profoundly grateful. There should be a cheap and very carefully sub-edited edition for use in schools.

through the wastes to recommend the author's work. In all he covered nearly three thousand eight hundred miles between Sierra Leone and Algiers, always with open eyes and a ready pen at the service of his readers. By way of Nigeria and the Western Sudan he reached Timbuctu, the once mysterious city; and then the most difficult part of his work began, to come to a satisfactory end among those oases that France has taken from the Empire of Morocco in the past twelve years. From Gao to Insalah the desert route was nine hundred and thirty-six miles long, and it was covered in fifty adventurous days. Needless, perhaps, to say that big-game shooting was a part of the journey's attraction; but Captain Haywood used his rifle sparingly, and is justified in lamenting the destruction of the giraffe at the hands of the native. The author has much to tell us of the rapid spread of Islam in the French Sudan, and he shows by many of his statements that the influence of Morocco, a country he does not appear to know, is very strong both in the Sahara and the Sudan. For example, the cruel bit used in the Niger country by the Malinkés is to be seen in common use no farther from civilisation than Tangier, and the couscous that he carried in saddle bags on his camels through the Sahara is the staple dish of the Moors. For one who does not appear to have added ethnography or anthropology to his labours Captain Haywood's comments upon the races



AN OLD FABLE REVERSED BY SCIENCE: ANTS AND OTHER INSECTS FLOCK TO THE CIGALE FOR DRINK.

"Dealings between the Cigale and the Ant are the reverse of those described in the fable. . . . The Ant, on the contrary, harassed by drought, begs of the songstress. . . . Crouching, always singing, on the twig of a suitable shrub or bush, she perforates the firm, glossy rind. . . . Plunging her proboscis into the bung-hole, she drinks. . . . Many thirsty creatures. . . . at last discover the Cigale's private well. . . . above all, Ants." From "Social Life in the Insect World."

translation. There are one or two points that have been overlooked even by M. Fabre. For example, he tells us that the ancient Greeks were accustomed to keep the cigale in cages, and he apparently regards this as an obsolete custom. But the writer of this note has seen caged cigales by the hundreds in the south of Spain, particularly in the markets of Cordova and Jerez-de-la-Frontera, where they are offered each in a tiny cage about three or four inches high, and are bought by children. It may be doubted whether entomology has yet produced a man who can rival M. Fabre as a student and interpreter of facts, or as a writer who can



INSECT CANNIBALISM: MALES OF THE GOLDEN SCARABÆUS DEVoured BY THE FEMALES.

"In an ordinary conflict he would meet force with force, and return bite for bite. His strength would enable him to come well out of a struggle, but the foolish creature allows himself to be devoured without retaliating. It seems as though an invincible repugnance prevents him from offering resistance and in turn devouring the devourer." From "Social Life in the Insect World."

**"SOCIAL LIFE IN THE INSECT WORLD."**

BY J. H. FABRE.

Illustrations Reproduced by Courtesy of the Publisher, Mr. T. Fisher Unwin.

The present one is too literal and outspoken for children.

Through Timbuctu and the Sahara.

There is an unalloyed fascination in the story of desert travel, and if it were only because he journeyed from Timbuctu to



SCENES IN THE LIFE OF "LA CIGALE": (1) THE CIGALE LAYING HER EGGS, AND (2) A GRASSHOPPER DEVOURING HER.

"The Cigale confides its eggs to dry slender twigs. . . . Its chosen twig never lies along the ground; it is always in a more or less vertical position. . . . The Cigale lays from three to four hundred eggs. . . . The green grasshopper, the false Cigale of the North, will eagerly devour the true Cigale, the inhabitant of the Midi. . . . With its powerful mandibles, like pinners of steel, the grasshopper rarely fails to eviscerate its captive." From "Social Life in the Insect World."



A MATRIMONIAL TEST-MATCH AMONG FIELD-CRICKETS: (1) A DUEL BETWEEN RIVALS; (2) RETIREMENT OF THE VANQUISHED, INSULTED BY THE VICTOR.

"The warlike instinct of the mating period breaks out. These duels between rivals are frequent and lively, but not very serious. The two rivals rise up against one another, biting at one another's heads—these solid, fang-proof helmets—roll each other over, pick themselves up, and separate. The vanquished Cricket scuttles off as fast as he can; the victor insults him by a couple of triumphant and boastful chirps." From "Social Life in the Insect World," by J. H. Fabre.

Insalah, Captain A. H. W. Haywood's book, "Through Timbuctu and Across the Great Sahara," would find many readers. But there is far more than the record of nearly sixteen hundred miles

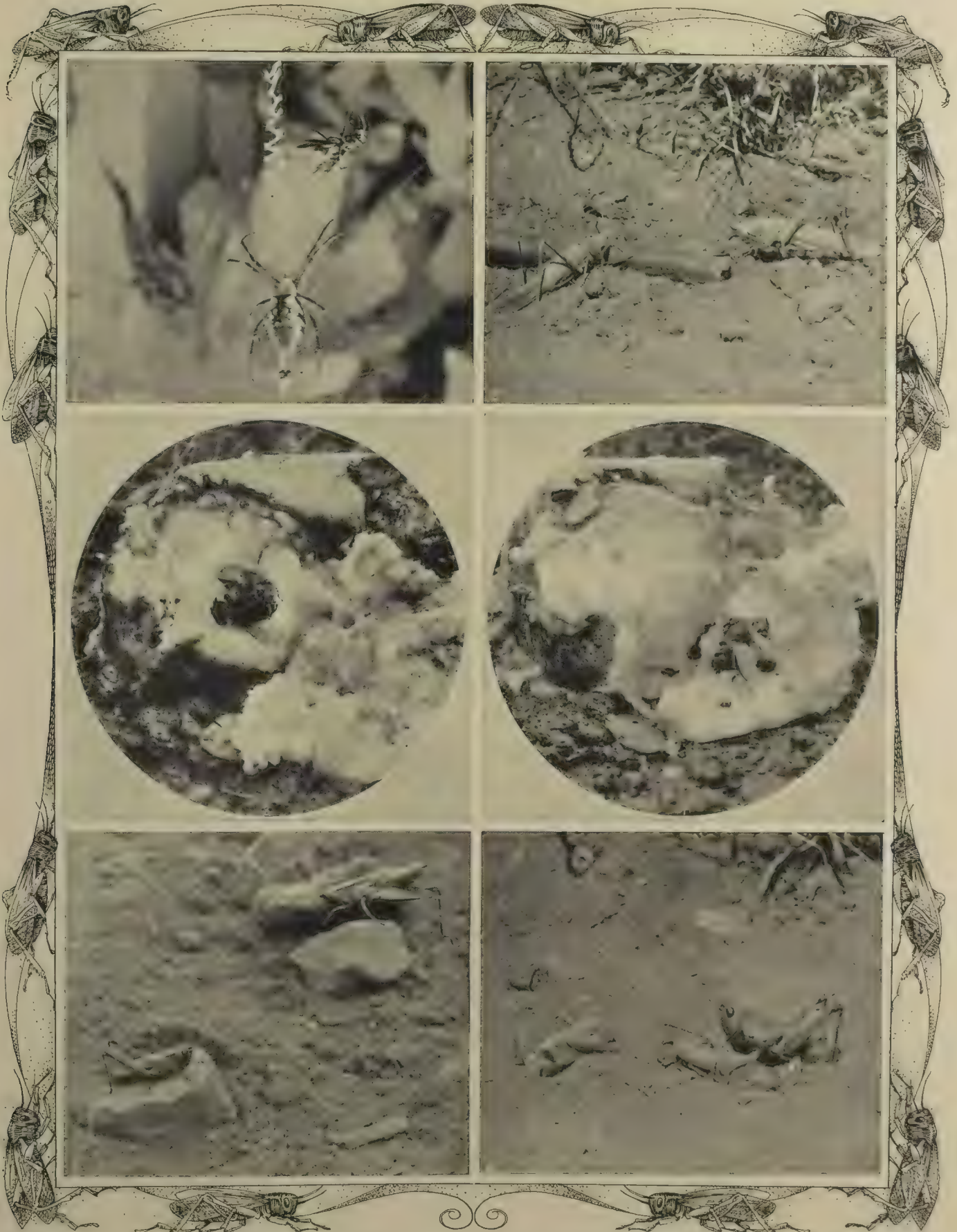
served him nearly as well as his pen, and he is to be congratulated heartily upon a remarkable journey and a very readable record. His courage is only equalled by the modesty that endeavours in vain to hide it.

he met between Sierra Leone and Timbuctu are shrewd and well founded, and, indeed, it may be claimed for his book that it is as full of information as of interest. This is not surprising, for only a man of exceptional gifts could have undertaken such a journey and brought it to a successful issue at a season of the year when the most hardened leaders of camel caravans elect to leave the Sahara alone. The author's camera has



# WARRIORS MEN'S FEET CAN CRUSH: INSECTS FIGHTING.

PHOTOGRAPHS BY PAUL GRISWOLD HOWES.



1. THE FOOD OF THE YOUNG AS THE ENEMY OF THE OLD: A GARDEN SPIDER VICTORIOUS OVER A MUD-WASP.

3. AND 4. WAGING WAR FOR INCREASE OF WORLDLY POSSESSIONS: TWO HONEY-BEES FIGHTING DESPERATELY TO DECIDE THE OWNERSHIP OF A DECAYING PEAR.

5. BEGINNING AN ENGAGEMENT WHICH ENDED IN TWO DEATHS: GRASSHOPPERS PREPARING TO FIGHT.

2. A FIGHT TO THE DEATH BETWEEN THE LESS QUARRELSOME MEMBERS OF THE GRASSHOPPER FAMILY: A FIERCE BATTLE BETWEEN KATYDIDS.

6. THE REJOICING OF THE CONQUEROR: A GRASSHOPPER TRIUMPHING OVER THE BODY OF TWO RIVALS WHOM HE HAS SLAIN.

Their one object in these civil broils is to pierce their enemies with their stings, the stroke of which, if it once penetrates to the muscles, is mortal. . . . The mud-wasp stores her nest with young spiders for her own young to feed upon; but let these little spiders grow up, let them build their powerful webs, and if a wasp become entangled among the silken strands a battle ensues which results in the wasp's death more often than the spider's."



# FROM THE WORLD'S SCRAP-BOOK.



Photo. Itins, Bureau.  
SIGN OF SEVERE WEATHER OVER THE "HERRING-POND": THE WHITE STAR LINER "CYMRIC" ICE-COATED, IN BOSTON HARBOUR.

The first of these two pictures explains itself. Of the second it should be said that it shows the wreckage of the monoplane by whose fall Mr. Douglas Graham Gilmour met his death on Saturday, February 17. On it may be seen the unfortunate aviator's Scotch cap. Mr. Gilmour was an exceedingly daring airman, and will be remembered as having followed the University Boat-race from start to finish while flying, and as having flown over Henley during the Regatta, a feat for which he was disqualified from competing in the Circuit-of-Britain race. He learned to fly at Pau, and obtained his pilot's certificate in 1910. He was just upon twenty-seven years of age.



Photo. Newspaper Illustrations.  
THE NINTH BRITISH AIRMAN KILLED WHILE FLYING: THE WRECKAGE OF MR. GRAHAM GILMOUR'S MONOPLANE IN THE OLD DEER PARK, RICHMOND.



Photo. L.N.J.  
PRESENTED TO LORD HALDANE BY THE KAISER DURING THE "MISSIONARY" VISIT TO BERLIN: A WARRIOR.

The bronze statuette given to Lord Haldane by the Kaiser is a copy of one in the Imperial collections. — M. Louis Mouillard, claimed to be the father of aviation, is to be honoured at Heliopolis, near Cairo (where he died) on Feb. 26 by the unveiling of the memorial here shown, which has been erected by the National Aerial League of France (Egyptian Section). It is said that the Mouillard monoplane of 1865 was more efficient than the Lilienthal of 1895; and that Mouillard anticipated the Wrights, the first men really to fly, in warping the wings of a flying-machine, and in utilising warping in conjunction with a vertical rudder. — The Japanese lamp shown is one of a pair, which, it is asserted, must have been stolen at some time or another from the tomb of an Emperor. They date from "the 15th year of the Kio era," that is, are 180 years old. It is affirmed that the Japanese Government wish to purchase them for restoration to their country.



Photo. Record Press.  
TO THE MEMORY OF THE FATHER OF AVIATION: THE MONUMENT TO LOUIS MOUILLARD, WHICH HAS BEEN ERECTED AT HELIOPOLIS, NEAR CAIRO.



Photo. Hunt.  
FROM AN EMPEROR'S TOMB: AN OLD BRONZE LAMP AT THE TRAINING COLLEGE, HEADINGLEY.



Photo. Topical.  
THE COMPLETION OF AN ENGINEERING FEAT CLAIMED TO BE SECOND ONLY TO THE PANAMA CANAL: THE HOLE MADE BY THE EXPLOSION WHICH "OPENED" THE HUDSON RIVER TUNNEL.

The first of these two illustrations shows the hole made when Mayor Gaynor pressed the key which fired by electricity the charge designed to "hole through" the Hudson River Tunnel of the Catskill Aqueduct, and thus practically complete an engineering enterprise which has been claimed to be second only in importance to the Panama Canal. To perform the "opening," Mr. Gaynor had to stand in a rocky cavern 1100 feet under the bed of the river Hudson. With regard to the second illustration, it should be recalled that Ain Zara was the scene of an important battle between the Turks and the Italians, a battle which resulted in a victory for Italy.



Photo. Topical.  
THE LINE OF COMMUNICATION FROM THE BASE TO THE SCENE OF AN IMPORTANT BATTLE: THE ITALIANS CONSTRUCTING A RAILWAY FROM TRIPOLI TOWN TO AIN-ZARA.



## AIR AS CONQUEROR OF WATER: RAISING A SUNKEN SUBMARINE.

DRAWN BY H. W. KOEKKOEK.



BRINGING THE ILL-FATED "A3" TO THE SURFACE: HOW ELEVATORS, EACH WITH NINE CANVAS CYLINDERS, ARE EMPLOYED TO LIFT WRECKS.

The disaster to Submarine "A3" of the British Navy brought into prominence once more questions as to methods of speedily raising sunken underwater craft. It is interesting, in consequence, to see how it was arranged to lift the "A3" to the surface. As is noted on the illustration, elevators, each consisting of nine waterproof-canvas cylinders, and in number as many as the weight of the vessel requires, are sunk and are attached to hawsers already

placed round the wreck by divers. The water in the cylinders is then driven out by means of compressed air, which gives the elevators buoyancy and so causes them to lift the submerged craft. The device, of course, is not designed for raising submarines only. Any wreck or part of a wreck can be tackled if its weight be not excessive and hawsers can be fixed. Our Artist was able to make his drawing by courtesy of the Sea Salvage Company, of Broad Street House, E.C.



## THE CAMERA AS RECORDER: NEWS BY PHOTOGRAPHY.



THE ONLY RAILWAY AS YET CONSTRUCTED IN THE UGANDA PROTECTORATE: THE NEWLY OPENED BUSOGA LINE.

The Busoga Railway, recently declared open by Governor Jackson, is the first built actually in Uganda, for the Uganda Railway in British East Africa, from Mombasa to Port Florence on Lake Victoria Nyanza, does not come within the Protectorate after which it is named. The Busoga line, which cost £180,000, follows the course of the Nile from the Ripon Fall, and connects Lake Victoria Nyanza with Lake Chioga, a distance of sixty-one miles. It will greatly assist the cotton industry.



A LIBATION AS AT THE LAUNCH OF A BATTLE-SHIP: THE BOTTLE OF CHAMPAGNE BROKEN AT THE OPENING OF THE BUSOGA RAILWAY.

The opening ceremony was performed by Mrs. F. J. Jackson, wife of the Governor of Uganda. She was stationed on the quarter-deck of the steam-ship "Sybil," whose gangway can be seen in the photograph. The bottle of champagne was broken by the cutting of a cord connecting it with the steamer's quarter-deck. This libation recalls the custom of breaking a bottle of wine across the bows at the launch of a ship.

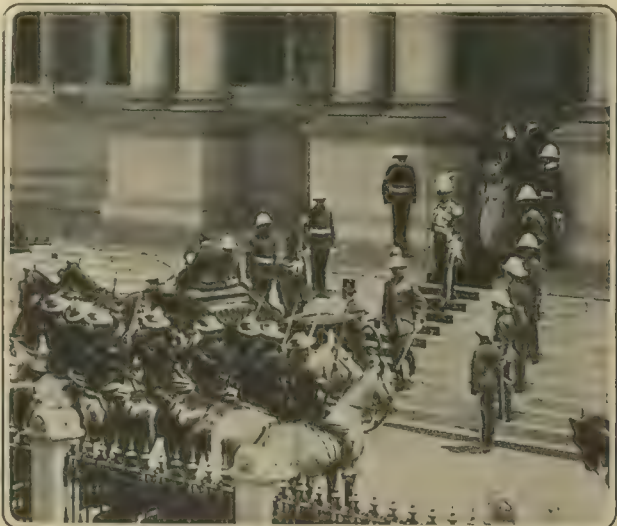


Photo. Payne.

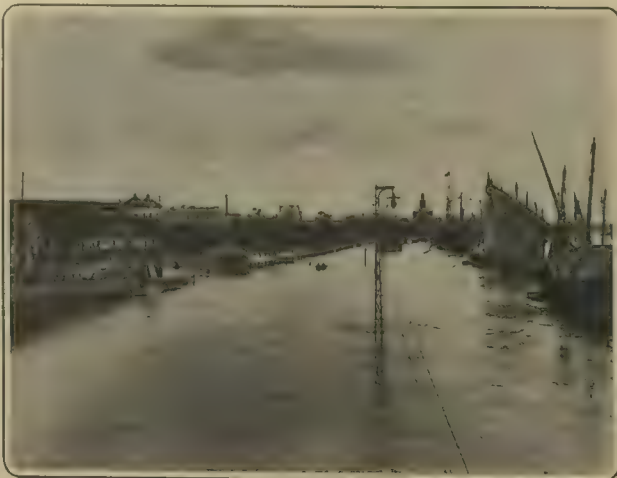
THE OPENING OF THE SOUTH AFRICAN UNION PARLIAMENT: LORD GLADSTONE DESCENDING THE STEPS AT PARLIAMENT HOUSE, CAPE TOWN, FOR THE SALUTE. The new session of the South African Union Parliament was opened by Lord Gladstone, the Governor-General, on January 25. The programme of legislation for the session includes, among much other business, a £5,000,000 Loan Bill to provide for railways, land settlement, and irrigation works, a proposal to institute a University, and a scheme to reorganise the Civil Service.



Photo. C.N.

ENTHUSIASTICALLY RECEIVED BY REPUBLICANS AND SOCIALISTS: KING ALFONSO DRIVING THROUGH THE FLOODED STREETS OF SEVILLE.

During the disastrous floods which recently took place at Seville, King Alfonso visited the city. Accompanied by Señors Canalejas and Gasset, he went to Triana and other places, the train going through water all the time. He also traversed part of the floods in Seville by boat. After his visit the Socialists and Republicans organised an enthusiastic reception for him at Monrilla Station.



Photos. by "Mundo Grafico" and C.N.

IN THE CITY WHOSE PANIC-STRICKEN INHABITANTS SAT UP ALL NIGHT FOR FEAR OF THE FLOODS: SCENES IN SEVILLE DURING THE RECENT INUNDATION. Widespread ruin was caused in the valley of the Guadalquivir, and throughout Andalusia, by the recent floods, which in one place formed a lake forty miles long by thirty wide. Many towns and villages were completely isolated and only approachable by boat. In Seville itself the inhabitants were for days in a state of panic, many sitting up all night, lest the water should burst the barricades that had been erected and flood the whole city, parts of which lie six to nine feet below the flood level. The Engineers, Sappers and Miners worked for sixty hours without cessation. Triana, a suburb of Seville, was submerged for several days, and the sufferings of the poor were intense. In some parts of the city, as one of the photographs shows, access to the houses could only be obtained by ladders fixed to the balconies. The Port of Seville was closed for a fortnight. The gas and electric-light works were flooded, and for a time Seville was in total darkness at night.



# BUCHANAN'S

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## THE HOME UNIVERSITY LIBRARY.

Forty out of the promised hundred volumes of that excellent little series, "The Home University Library," have now been published by Messrs. Williams and Norgate. These books, it is well to remember, are not reprints, but new and original works by authoritative living writers, such as would, in the ordinary way, be sold at a much higher price than the democratic shilling which is asked for them. Such a price is only possible by appealing to a large instead of a limited public. They are written, therefore, in a popular style, and it is a hopeful sign of progress in national culture that the appeal has been highly successful, for it indicates that the beneficent microbe of self-education is increasing and multiplying. The aim of the series, when complete, is to open the gates to the whole domain of knowledge and inquiry, in such a manner as to attract the reader to explore further for himself. Of the third batch of ten volumes issued, six were of a historical character. Professor J. L. Myres, in "The Dawn of History," has embodied the principal effects of recent research on our knowledge of the ancient world. "The Papacy and Modern Times," by Dr. William Barry, traces the Papal power from 1303 to 1870, and its transformation from a partly political into a purely ecclesiastical organisation. A subject to which current events lend a burning interest is admirably treated by Professor H. A. Giles in "The Civilisation of China," which brings the reader on to the threshold of the new epoch now in the making. Mr. G. H. Mair writes in a scholarly and stimulating manner on "English Literature: Modern," carrying the story down to the new drama of the present time. Of vital interest to-day also is "The Evolution of Industry," by Professor D. H. Macgregor, who shows the path along which the world of labour has advanced, and to what



SALVE, AMERICA! GENERAL BADEN-POWELL GREETED BY A BOY SCOUT OF BROOKLYN.

Lieutenant-General Sir Robert Baden-Powell, founder of the Boy Scouts, recently went to America, and studied the Scout movement there. Our photograph shows him being greeted by William Waller, of Brooklyn, who holds a medal from the Boy Scouts of America for saving a boy from drowning.



CHAMPION SKATERS AT MANCHESTER. MR. AND MRS. JOHNSON, WINNERS OF THE PAIR CHAMPIONSHIP. On Feb. 16 and 17, in the Manchester Ice Palace, was held the Figure Skating Championship of the World. The Pair Championship of the International Skating Union was won by Mr. and Mrs. Johnson.

goal it is tending. Recent events are often, paradoxically, the most difficult to verify, before they have been recorded in works of reference. Consequently Mr. G. P. Gooch's "History of Our Time" (1885 to 1911) is extremely useful. Scientific interests are excellently represented by Professor J. Arthur Thomson's "Introduction to Science," Mr. A. R. Hinks's "Astronomy," a most fascinating subject, and Mr. W. F. Barrett's "Psychical Research." The average man, like necessity, knows no law, until perhaps he finds himself in its grip. "The Elements of English Law," by Professor W. M. Geldart, is therefore welcome. It is instructive without the usual dryness of legal literature. The fourth batch of ten volumes, recently issued, also contains a good proportion of history, but other subjects—literature, anthropology, philosophy, meteorology, education, and architecture—are represented too. The full list contains "The History of England," by Professor A. F. Pollard; "Rome," by W. Warde Fowler; "Peoples and Problems of India," by Sir T. W. Holderness; "Canada," by A. G. Bradley; "French Literature," by G. L. Strachey; "The Problems of Philosophy," by the Hon. Bertrand Russell; "Climate and Weather," by Professor H. N. Dickson; "The School," by Professor J. J. Findlay; "Architecture," by Professor W. R. Lethaby, and "Anthropology," by R. R. Marett.

These volumes, it will be observed, deal with subjects some of which are of vital importance from a political and social point of view, and all of which are occupying men's minds to-day, being among the matters with which everyone who aspires to culture must have some acquaintance. As popularly written, but at the same time scholarly, surveys and introductions, these new volumes admirably fulfil the spirit of the series, and maintain its high level of excellence. The "Home University Library" should do much to educate public opinion.



THE NEW LORD CHAMBERLAIN: LORD SANDHURST.

Lord Sandhurst, who succeeds Earl Spencer as Lord Chamberlain, has been Under-Secretary for War and Governor of Bombay. His wife is a daughter of Matthew Arnold.

story down to the new drama of the present time. Of vital interest to-day also is "The Evolution of Industry," by Professor D. H. Macgregor, who shows the path along which the world of labour has advanced, and to what



THE NEW PRESIDENT OF THE REICHSTAG: HERR KAEMPF. Dr. Spahn having resigned the Presidency of the new German Reichstag, to which he was elected, Herr Kaempf, a Radical Deputy, was recently elected in his place.

## THE RIGHT TO BEAUTY.

"PEOPLE have a right to beauty as they have a right to the sun's light," says that great French writer, Octave Mirbeau. Certainly; and people have a right to personal beauty, too, if they take care of their health, for what is more beautiful than the beauty of health? The clear complexion, the bright eye, the alert bearing, the elastic step, the general air of freshness and energy, and, above all, the complete absence of podginess and puffiness—these are elements of true beauty which anyone may reasonably aspire to, though the features may lack the classic regularity that we naturally admire.

One of the greatest enemies to true beauty is the tendency to grow fat. It not only gives a coarse appearance to the face and an unlovely tone to the skin and complexion, but it spoils the slender proportions natural to the human form.

More than this, the obese tendency is sure to produce a variety of bodily ailments which in time will incur physical suffering and rob the victim of the last vestige of true beauty.

How kill the obese tendency?

A very easy matter, reader, if you will only be wise and take Antipon, that famous standard remedy for the permanent cure of over-fatness in all or any of its stages. The sooner the better: for neglected or chronic obesity is "a harder matter to fight" than the first symptoms of the disease. And nothing but Antipon will be any good. The grip of neglected obesity is pretty firm.

Nor is it any good trying to starve down obesity or to employ drug-remedies of the wasting sort, these being very often mineral poisons.

Antipon is not a drug; it is a harmless vegetable (liquid) compound, pleasant to take, a splendid tonic combined with matchless fat-reducing properties, a sure eradicator of the bodily inclination to accumulate in the blood and tissue more fatty matter than the system can healthfully deal with.

This last point is, perhaps, most important of all, because it points to permanent cure, and it is principally that which has made Antipon famous throughout the world.

All competent authorities endorse Antipon as the standard remedy, and the great specialist, Dr. Ricciardi, of Paris, has written of it in the following glowing terms:—

"I must frankly say that Antipon is the only product I have ever met with for very quick, very efficacious, and absolutely harmless reduction of obesity; all other things are perfectly useless, and some absolutely dangerous."

At the offices of the Antipon Company may be seen hundreds of unsolicited testimonials which bear out the above declaration. Some have literally tried everything in the way of obesity treatments and medicines, but without any permanent curative result. Antipon reduces the superabundant fat, not flesh. The generous dietary regimen allowed and encouraged by the tonic Antipon treatment re-develops the muscular fibre, so that the limbs, etc., become firm, strong, and shapely, the waist supple as well as slender. There is a general re-building up (so to speak) of all the fleshy parts of the body, and that is the secret of the nice symmetrical proportions that result from the agreeable and harmless Antipon treatment.

The removal of the excess internal fat—a constant danger—is obviously a vitally important work performed by Antipon.

There is a decrease of from 8oz. to 3lb within twenty-four hours.

Antipon is sold in bottles, price 2s. 6d. and 4s. 6d., by Chemists, Stores, etc.; or may be had (on sending remittance), privately packed, carriage paid in the United Kingdom, direct from the Antipon Co., Olmar Street, London, S.E.

Antipon can be had from stock or on order from all Druggists and Stores in the Colonies and India, and is stocked by wholesale houses throughout the world.





## HOW SORE THROATS ARE CAUGHT.

### AND HOW TO CURE AND PREVENT THEM.

IN the days of our grandparents there was a general idea that Sore Throats were due to the draughts and damp which are always associated with our climate.

People who had a genius for catching Sore Throat (as so many of us have to-day!) always took great care to muffle up their throats, to avoid draughts, and to wear a respirator during cold, wet, or foggy weather. Yet they still went on catching Sore Throat.

Nowadays, we realise that Sore Throat is an infectious ailment which has very little to do with the weather. Cold, damp weather may be one of the causes of Sore Throat, but only because it lowers our vitality, and makes us susceptible to the microbes of Sore Throat—that is all.

These microbes or germs are the true active causes of Sore Throat, as they are of those dread, infectious diseases—Diphtheria, Consumption of the Lungs, Measles, and Scarlet Fever.

We should never catch Sore Throat or any of these diseases if we could prevent the germs from entering our respiratory passage, and making their way into the throat.

Unfortunately, the only way in which we could do this would be to sit in an air-tight box, where we should die of asphyxia!

### THE GERMS OF SORE THROAT.

For the germs of Sore Throat and of other infectious diseases are only too plentiful, especially at this time of the year. Like the poor, they are always with us. We meet them every day, every hour, in every public telephone, in every public conveyance, in every crowded, stuffy place where we may breathe the germ-laden breath of sufferers from Sore Throats, convalescents, and people sickening for some infectious disease.

At last, however, Science has given us a safeguard against these risks. There has now been produced a germ-killing throat tablet which cleanses the mouth and throat from disease-germs as easily and as rapidly as dirt is removed from the skin. It is called Wulff's Formamint, and can be tested by anyone without expense (see note at the end of this article). No one susceptible to Sore Throat who has not already tried Formamint should delay to do so, for Wulff's Formamint is a trustworthy cure for that complaint, as well as a preventive of infectious diseases.

To understand the value of this discovery, we must remember that all germs—including the most deadly ones, like the Diphtheria bacilli—are living particles of

vegetable life, extremely minute, but visible under high powers of the microscope. For their proper development these seeds or germs must find a "suitable soil." This they have in the soft lining of the mouth and throat, which gives them the warmth and moisture they need.

In such a receptive soil germs will flourish like the proverbial green bay-tree, until they multiply into whole colonies. In the case of an ordinary Sore Throat they merely produce the depressing symptoms of pain and discomfort in swallowing, hoarseness, irritation, a feeling of fullness in the throat, and other unpleasant sensations,



The above picture shows how the germs which cause Sore Throat and tonsillitis are destroyed by means of the germ-killing throat tablet described in this article. The round plate, coated with a substance on which disease-germs quickly develop, was inoculated with the germs of Sore Throat, which immediately began to grow. The right half of the plate was then treated with saliva from a person who had sucked three tablets of Formamint—the germ-killing throat tablet. The result was that all the germs on it were destroyed, while those on the left-hand (not treated with Formamint) grew luxuriantly. Exactly the same thing happens in the mouth of people who suck Formamint Tablets—the germs are quickly killed and Sore Throat is thus easily cured and prevented.

which quickly disappear when a few Formamint Tablets are sucked.

If, however, the germs are of a more harmful kind, they produce certain poisons, which get into the blood and set up diseases like Diphtheria, Scarlet Fever, or Measles.

This is where the value of Formamint lies as a disease-preventive, for Formamint is the most effectual method known to Science of killing these germs in the mouth and throat before they become dangerous.

It should be clearly understood, however, that Formamint is not a cure for such diseases as Diphtheria when once they have established themselves in the system.

But there is no doubt whatever that, if taken in time, Formamint will certainly prevent Diphtheria, and kindred

germ diseases, even though one has actually been in close contact with the patient. For this reason doctors, nurses, and sanitary inspectors always take Formamint Tablets when they have a case of infectious disease.

Fortunately, however, such diseases as Diphtheria are comparatively rare, and Formamint will always find its chief use with the general public as a cure and preventive of Sore Throat, mouth troubles, etc. For such ailments Formamint has become the fashionable remedy in the best sense of the term, for it is habitually used by well-known people like the Rt. Hon. Arthur J. Balfour, M.P., Lord Justice Buckley, Sir Gilbert Parker, M.P., etc.

### REMARKABLE LETTERS FROM PROMINENT PEOPLE.

Many distinguished persons have, in fact, publicly testified to the value of Formamint. To take only a few examples:—

Lord Glantawe writes: "I have been using Formamint for Sore Throat with most satisfactory results." Madame Adelina Patti writes: "I have taken Formamint Tablets for some time past, and have found them very beneficial to the throat." Mr. C. C. Hutchinson, K.C., writes: "Through the great benefit I have derived from Formamint Tablets, I have recommended them for Sore Throat to hundreds of other people."

It is this personal recommendation which has done so much to spread Formamint's fame far and wide, and none are more enthusiastic about it than doctors and scientists themselves. Among the latter, several have made exhaustive laboratory experiments with Formamint, proving its power to destroy the germs causing Sore Throat and other infectious diseases. One of the most recent of these experiments is that depicted in the centre of this article.

Unlike other methods of treatment, Formamint Tablets are pleasant to use and cause no inconvenience. They are simply sucked like sweets; they have a nice aromatic flavour, they contain nothing injurious, and they can be taken freely by both children and adults.

It should be noted, however, that there is no duplicate or substitute for Formamint, because Wulff's Formamint marks the discovery of a new chemical compound, and as such is protected by Royal Letters Patent. Therefore the numerous imitation tablets only resemble Formamint in appearance, and do not possess its curative or preventive properties. The real thing is sold by all high-class chemists, at 1s. 11d. per bottle. To prevent substitution, the purchaser should specify *Wulff's* Formamint.

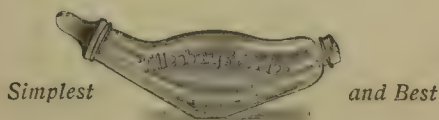
(Note.—Any reader of this article who has not yet tried Formamint, and would like to do so, is requested to write to the manufacturers, Messrs. A. Wulff and Co., 12, Chenies Street, London, W.C., who will be pleased to send a free sample and an interesting handbook. Kindly mention "The Illustrated London News" when writing, and enclose a penny stamp to cover postage.)

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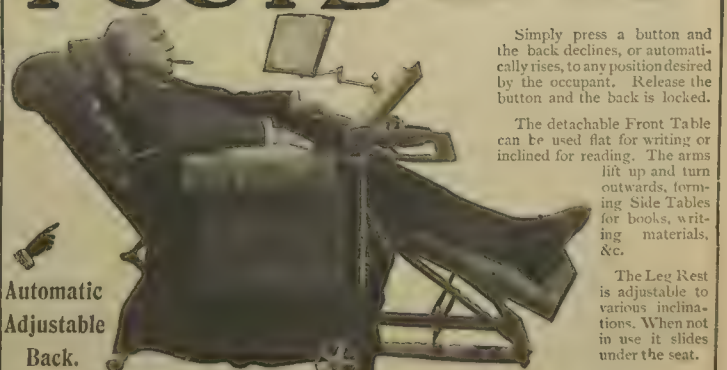
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## MUSIC.

IT is understood that there will be a season at the London Opera House for three months in the summer, and that a proportion of the works presented will wear an English dress. In addition to translations, it is said that the opera written by the late Mr. Learmont Drysdale,

Last week's concerts were both numerous and important. At the concert of the London Symphony orchestra, Mr. Joseph Holbrooke directed the revised edition of his Symphonic Poem, "The Raven," given for the first time at the Crystal Palace twelve years ago. Mr. Holbrooke's revision has strengthened a work that was always interesting, but it may be doubted whether he was able to secure the best possible results from the orchestra. It has been very obvious of late that a gifted composer is not necessarily a great conductor, and a further illustration was given at this concert. The performance of the Saint-Saëns Concerto in G minor, with Mr. Jules Wertheim at the piano, was of a kind with which we do not associate the London Symphony Orchestra, and the audience seemed disposed to sympathise with the soloist. It is fair to add that Sir Edward Elgar's interpretation of the Schumann Symphony in C was quite worthy the occasion. Heer Mengelburg, of Amsterdam, who conducted a Philharmonic Society concert so brilliantly a few months ago, will take charge of the London Symphony players on Monday night.

work, "The Love Feast of the Apostles," which was performed for the first time in Dresden about sixty years ago. Hearty praise is due to the Manchester singers, and Mr. Wallis Nesbitt conducted the choir with great skill. The beautiful singing of Mme. Myszk-Gmeiner was another striking feature of a concert that called for a larger measure of support than it received.



Photo, Willmann.

**THE MUCH-LIONISED: A FAMOUS BIG-GAME HUNTER IN THE CARNIVAL AT NICE.** King Carnival, who is the fortieth of his fantastic line, arrived in Nice on February 8, and held his annual reign of merry-making for a fortnight. The usual procession of grotesquely decorated cars, in allusion to celebrities and topical events, formed a feature of the proceedings.

to a libretto by the Duke of Argyll, and "Don," one of a series of three operas written by Mr. Joseph Holbrooke to libretti by Lord Howard de Walden, will be included in the programme. Further details of the forthcoming season are about to be published. Prices will return to the higher level during the summer. The present venture at the London Opera House will come to an end on Saturday night next. Sufficient has been done to give considerable interest to the next undertaking with which Mr. Hammerstein will enter into direct competition with our National Opera House, to which, it is announced, the King and Queen have given their patronage by taking the Royal Box for the season, which, it may be mentioned, opens on April 20.



Photo, Illus. Bureau.

**THE "MONA LISA" IN THE NICE CARNIVAL: THE STOLEN LEONARDO CARRIED ON A FISH.** Leonardo's picture of "Mona Lisa," stolen from the Louvre, figured in the processions at Nice, King Carnival, when in Paris, having undertaken a mission to search for it. Here it is seen under the arm of the figure sitting on the fish's head.

At the Queen's Hall on Saturday last, Sir Henry Wood's orchestra was assisted by the Manchester Orpheus Glee Society, which came to London to sing Wagner's Biblical

afternoon (Feb. 24) Mr. Thomas Beecham's Orchestra will give a concert of old French and Italian music at the Æolian Hall.



Photo, Willmann.

**BIBENDUM TAKES THE AIR: A FAMILIAR FIGURE IN THE NICE CARNIVAL.**

The familiar outlines of Messrs. Michell's rotund benchman, Bibendum, were seen, as usual, on a car in the Nice Carnival. On his flying-machine, which has descended on the roof of a house, is the following notice: "Ailes inachevées—Faute de crédit" (Wings incomplete, for want of credit).

Miss Beatrice Harrison gave a delightful 'cello recital at Bechstein's last week. She is truly great as an interpreter of classical music; the tone she produces from her 'cello is delightfully rich and mellow, her phrasing is admirable, and, though she is a mistress of technique, she contrives to play beautifully without calling undue attention to it. At this week's Philharmonic Concert, the Centenary novelties are a new symphony by Sir Charles V. Stanford, who will conduct it, and "Four Famous Lyrics" by Mr. Landon Ronald. This

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Don't stay indoors because of your complexion. Get out into the invigorating frosty air. But *first* prepare your skin to face the keen atmosphere. If you use Beetham's La-rola you can feel quite safe, for this excellent preparation will keep away Roughness and Redness, and it will entirely prevent any possibility of Chaps. In fact, it will have a delightful soothing effect upon the whole complexion, and will soon produce a beautiful and velvety skin. Go to your chemist's *to-day* and ask for Beetham's La-rola, you can obtain it in 1s. and 2s. 6d. bottles.

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<b>CORBETTS ★★★</b> <i>Proprietors</i> <i>Brown, Corbett &amp; Co. Belfast &amp; Coleraine.</i>	<b>TYRCONNELL ★★★</b> <i>Proprietors</i> <i>And. A. Watt &amp; Co. Ltd. Londonderry.</i>



## LADIES' PAGE.

FOR the floral decorations that make summer in the English drawing-room while winter reigns without, we are dependent almost entirely upon the "Sunny South" of Europe. Our own hot-house supply is inappreciable, so far as the markets are concerned. Therefore, any interference with the export of the lovely blossoms of France and Italy means a flower famine for England. Italy, it is rather a surprise to learn, sends us flowers especially roses, in advance of the French Riviera; the first instalment of the daily supply of roses from San Remo and Bordighera reaches the *Halles* in Paris about January 10, and is continuous after that date; while Nice, Grasse, and Cannes do not begin their daily consignment till a month later, at least: but from the middle of February, both the Italian and the French Riviéras send their flowers to Paris to the extent of some 3000 hampers daily, over and above those which pass through direct to London. It is a gracious and refined illustration of how civilised nations are bound together by commerce into one great whole that the Berlin flower market is almost wholly supplied through France, and in its turn Berlin re-exports the dainty merchandise to Russia. The year before last, the market of the German capital purchased fresh spring flowers weighing about 3000 tons, of which more than 2000 tons was sent through France. Imagine the consternation when it was suddenly announced the other day that the French Custom-House officers had received orders not to allow Italian flowers, especially roses, to pass the frontier, on the ground that there was danger of the introduction of an insect pest that has been ravaging the rose-trees of Southern Italy. This order was issued by the Minister of Agriculture, on the prayer of the rose-growers of Provence, who feared the infection. However, it created such an outcry of despair from cultivators and merchants that it was suspended, pending further inquiries, and for the present we are to get our usual supply of that delightful luxury, spring flowers from the South.

Mr. Squeers, we remember, had a novel plan for education in orthography. He taught his pupils to "spell winder, and then go and clean it." I wonder if an equally practical application of theoretical information will be enforced at the new Domestic Economy, or "Home Science," University, which has just been founded and endowed so generously and so easily, in connection with King's College, London? For this purpose, the sum of £100,000 has been raised in an almost incredibly short time—for it was obtained within eight months of the formation of the Trust Fund—which goes to show how true remains the opinion of the public to the old theory, "Woman's place is the Home." Regular readers of this column know how often I have urged here the establishment of proper teaching and training for home duties, so that this wonderfully successful new departure is to me "a dream fulfilled"; but I hope that the professors



AN ARTISTIC EVENING GOWN.

This graceful chiffon gown is embroidered on the corsage in coloured silks, and has a belt and train of dark-toned satin.

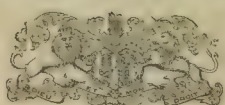
and authorities will realise that domestic science, like nursing, must be taught practically as well as theoretically, to be of any value. As Sir Philip Sidney said: "All is but lip-wisdom that lacks experience." It is no less true, however, as was said by John Stuart Mill: "It takes brains to use practical experience; and brains without practical experience will go farther than practical experience without brains." The donors to the new "Home Science University" include the Marquess of Anglesey, £20,000; Mrs. Wharrie, £20,000; and one anonymous gift of £30,000, with two others of £5000 each. The Duke of Devonshire, the Duke of Westminster, Lady Wantage, Lady Mond, and Mrs. Alfred Morrison all gave large subscriptions.

One of the features about this winter's millinery has been the way in which straw shapes triumphantly held their own against the more appropriate felt and velvet, and now, whilst the real spring is still far from us, practically all the newest models are light flower-bedecked straws. Moreover, the colour-combinations seem to take a pride in being as gay and daring and summer-like as possible, the admixture of blue with violet being especially in favour. To this always vivid harmony a touch of rose, magenta or crimson is frequently added, yet—such is the exquisite colour-sense of high-class milliners in this year of grace—the result is a glorious colour-symphony, a sure delight to any artistic eye. One delightful model of this description was a deep pink straw, much folded and swathed somewhat in turban-shape, with a small crown of purple velvet peeping over the straw brim; at one side, ramping very erect, was a spike of violets and bright blue forget-me-nots mingled. Another hat, a three-cornered blue straw, had its deep, upturned brim lined with a shot-silk that was blue in some lights, pink in others. Set to one side was a tall Royal-blue feather, with a cluster of shot-blue and pink silk roses nestling at intervals amidst its strands all the way up. Those dear little *chapeaux* that sit so cosily upon the head also figure largely amid the new straw models, being often partly covered by gauged or gathered silk—as often as not a shot silk—and finished by one small cluster of flowers to the side or a dainty little wreath lightly enfolding the tiny brim. Hats of this demure type grow in favour day by day.

For soothing any dryness or burning of the skin after cold walks or drives, or resulting from the over-heated condition of many rooms in winter, there is nothing like a good complexion-cream. There were objections to many of the old-fashioned creams, of which the base was grease, but all these are obviated by the discovery of Royal Vinolia Vanishing Cream. It is absolutely non-greasy, and therefore does not encourage the growth of hair on the face—that most atrocious of disfigurements to a lady. This cream seems to vanish into the skin when gently rubbed over it, and makes it more elastic and fresh of surface. It is sold in collapsible tubes at 6d. and 10d., or in pots, if preferred, at the same price as the larger tubes.

FLORENA.

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the impurities in your present drinking-water  
you would not hesitate a moment to install a

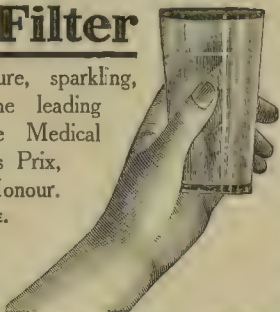
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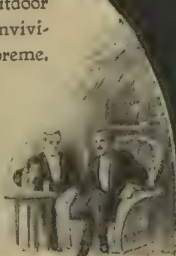
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Portrait specially drawn for the Orchestrelle  
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## Humperdinck endorses the Pianola.

"The Metrostyle Pianola which I have just heard has  
filled me with admiration and wonder. Although I have  
heard instruments play the piano before I had no  
idea it was possible to play with the taste and expression  
of an artiste, and the Metrostyle, it seems to me,  
is almost as valuable as the instrument itself.

"Your success with the Metrostyle Pianola should  
be very great."  
(Signed) E. HUMPERDINCK.

When all London is flocking to "The Miracle," and the charms of  
"Die Königskinder" and "Hansel and Gretel" are fresh in  
the mind, it is interesting to note this famous composer's opinion of the  
Pianola. The trained perception of this gifted musician is captivated  
by the artistic charms of the Pianola. How much greater the pleasure  
and wonder of the untaught music lover who finds himself able to  
sympathetically interpret the works of the great composers. Yet that  
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as sympathetic as that of the composer himself. This wonderful response to the  
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The Metrostyle is the feature of the Pianola  
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most complicated music with all the colour  
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## THE PLAYHOUSES.

"THE 'MIND THE PAINT' GIRL," AT THE DUKE OF YORK'S.

EVERY now and then Sir Arthur Pinero shows a tendency to concentrate his energies on producing atmosphere at the expense of action and ingenious or convincing development of plot. "The 'Mind the Paint' Girl" is a case in point. As, perhaps, its title would suggest to the expert theatre-goer, this new Pinero play deals with the life of a musical-comedy actress, and pictures for us the sort of circle in which a girl of such a type moves. Of lower-class origins, only half-educated, graduating first in the "halls" and then in theatres that attract the *jeunesse dorée*, Lily Parradell one day leapt into fame as singer of a ditty which had for its refrain "Mind the Paint." This song and hard work served to exalt her to the rank of a musical-comedy "star," and it is at the height of her fame that we make her acquaintance. Perhaps she shines most as she sits amid her satellites receiving homage and being fêted on her birthday. The playwright hits her off for us admirably, shows her as "straight" as she is pretty, as generous as she is quick-tempered, as sincerely childish as she is imperious, as winning as she

her; "Jimmie" Birch, a popular fellow-professional; a guttural and heavily gallant Baron from the German Embassy; and, finally, Captain Jeyes, a middle-aged officer run to seed, who was devoted to Lily in her days of adversity, and is by way of being her fiancé or, at least, watchdog. All these the author throws together in a way that is extremely natural and helps to stamp their idiosyncrasies,

a trifle tired. As for the interpretation, Miss Marie L8ar suggests all the charm of Lily, but has hardly confidence enough to make her changes of front appear plausible; Mr. Allan Aynesworth is rather tame and drops his voice too often as the "detrimental" Jeyes. Subordinate character-studies are safe in the hands of Mr. Dion Bouicault and many colleagues. A somewhat ungracious first-night reception ought not to spoil the chances of what, its defects notwithstanding, is a very telling comedy of modern manners.

"THE SECOND IN COMMAND," AT THE PLAYHOUSE.

It was surely during the Boer War that the military comedy, "The Second in Command," was staged so successfully at the Haymarket, and Mr. Cyril Maude first played the role of "Binks." The sound of the drums and the bugle, the scenes of lovers torn apart by the stern call of battle and soldiers robbed of their chance of going to the front, the realistic presentment of the mess-room and officers in undress—these appeals to instincts that are in most men and all women procure the piece its great vogue; and, though some of the glamour has disappeared from its accessories and its sentiment to-day, its well-told, if melodramatic, story still has power to please. Moreover, Mr. Maude is still at hand



Photo. Branger.  
A SCIENTIFIC RIVAL OF THE SEVEN-LEAGUE BOOTS: THE H.P. MOTOR-SKATER READY TO START.

The latest application of the power of petrol is to the human body itself, without any vehicle. A Frenchman named M. Mercier has invented a motor-propelled roller-skate driven by a two-cylinder engine of  $\frac{1}{2}$  horse-power, which enables the skater to cover about thirty-one miles at a speed of some nineteen miles an hour. The motor is attached to the right foot. The accumulator, "bobine," and reservoir are carried in the belt.

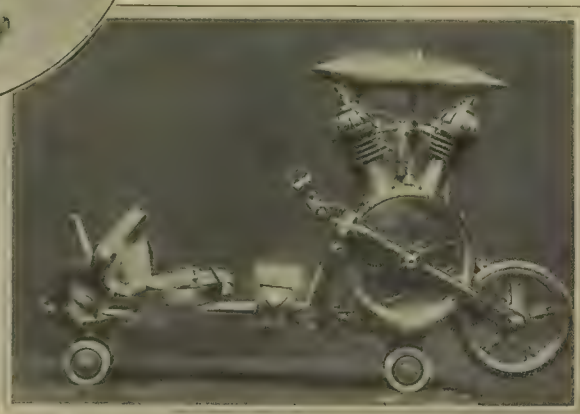


Photo. Branger.  
FOOT-POWER EXTRAORDINARY: THE RIGHT SIDE OF THE MERCIER MOTOR-SKATE, SHOWING THE WHEEL-CONNECTION.



Photo. Branger.  
ALMOST AS WONDERFUL AS THE WINGED SANDALS OF MERCURY; THE LEFT SIDE OF THE MERCIER MOTOR-SKATE.

is volatile. No less successfully does Sir Arthur "get" the various members of her entourage—her vulgar but good-hearted mother; "Uncle Lal," a jocosely City man who, as an old friend of the family, looks after her interests; Lord Farncombe, a young Guardsman who has sat through her performance twenty-three times from honest love of

and we get thereby a vivid idea of what Lily calls the "rotteness," but we should better describe as the flatness, of her existence. There is a forced note in the hilarity of these Bohemians, a sense of effort about their high spirits, as well, of course, as a curious freedom about the manners of most of them. Sir Arthur knows them inside out, though, with all his insight and humour and tolerance, his point of view is just

to recommend to our sympathies by his plaintive tones and cunning air of naturalness the hard case of the Major, so unfortunate in love and for a while in the Service, so engaging in his very fatuousness. Mr. A. E. Matthews, Mr. Cyril Keightley, and Miss Doris Lytton support the Playhouse actor-manager in this revival.

[Other Playhouse Notes elsewhere in the Number.]

# BELL'S THREE NUNS

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INDUCE your friend to smoke a pipe of "Three Nuns"; it is the smoker's elixir—and the first pipe announces an intimate boon that will never fail, nor vary during a man's smoking days.

"Three Nuns" is a cunning mixture of choice tobaccos, blended and cut by means of an original process preventing all dust both in pipe-bowl and pouch; though you smoke incessantly it never bites the tongue, nor burns "fiery"; and it is flavoured and fragrant as a good cigar.

"King's Head" is similar, but stronger.

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Made of selected Virginia leaf, refined and matured under scrupulous conditions, a "Three Nuns" is the one cigarette that combines absolute purity with flavour as subtly bewitching as it is rare.

Handmade,  
4d. for 10  
Medium,  
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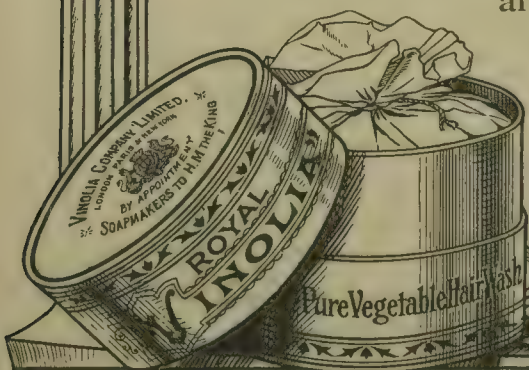


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## A BAYARD FROM BENGAL.

A MAN with a grievance is seldom an impartial judge of his own actions, and Sir Henry Cotton, in writing what he himself describes as an "apologia" for his Indian policy, fails to be as convincing as he would wish to be. A man of undoubted ability, who held many high offices in India, and the value of whose work was recognised by the late King in conferring upon him the honour of a K.C.S.I., he is, nevertheless, one of a not very uncommon type of Englishmen who are eternally at variance with their superiors and who welcome the disapproval of their countrymen as a token that their actions must be right and noble to have incurred such opprobrium. The fact that Sir Henry's book, "Indian and Home Memories" (Fisher Unwin), is largely a personal defence is to be regretted, as he has much of interest to tell of his eventful life: of old days in Calcutta and in London; of men he knew whose names are a household word in

snakes and cholera, and of the brighter side of Indian life, social and official. But India to him is Lower Bengal. Except for a few months at Simla, his whole career was spent in that province and its appanage, Assam, and, having identified his interests with those of the educated Bengali, he seems incapable of realising that he knows comparatively nothing of India as a whole; that the warlike races of the Punjab, the Deccan, and Rajputana have no more in common with the men among whom his life was spent than a Spanish grandee has with a Levantine Greek; and that the various Viceroys and other officials whom he censures so freely for their want of sympathy with the Bengali had a wider outlook and a deeper insight into the needs of India than he has ever attained to. Sir Henry has no false

modesty in bringing forward his claims to recognition, and it is only charitable to believe that he is convinced of the truth of all his statements, particularly in his account of the war with Tibet in 1903-4. Sir Henry devotes a chapter to his career, after his retirement, in the House of Commons, where he boasts of having won the friendship of Mr. Keir Hardie, whom he compares to Elijah; and Mr. Keir Hardie's admirers will find much congenial matter in the book. The illustrations are good, particularly those of the earthquake disaster at Shillong.

that the last-named vehicle is a repeat order from a well-known gentleman who has used Argylls for three years.

Mr. Frank Potter, the newly appointed General Manager of the Great Western Railway, was on Thursday



Photo. Perier.

A FAMOUS WINTER RESORT OF SOUTHERN FRANCE: IN THE PARC DE BEAUMONT AT PAU.

Pau, with its delightful climate and its lovely views of the Pyrenees, is one of the most popular of winter resorts. The town itself offers every facility for recreation, both in and out of doors. Pleasant walks may be taken in the Parc de Beaumont, with its Winter Palace, or the Parc Henri IV., named after the King, who was born in the castle of Pau. Outdoor sports to be had there include golf, tennis, hunting, shooting, fishing, and excursions in the mountains; while indoor amusements are provided by the Casino and the Theatre. Pau is easily accessible by the Paris-Orleans Railway.

England; of adventures sometimes tragic, as in the case of the terrible earthquake of 1897—when he and his wife narrowly escaped a fearful death—of cyclones,

at intervals ever since. The latest consignment includes the much-admired 15-h.p. landaulette exhibited at the Glasgow Motor Exhibition. It is interesting to know

One of the many ways in which Japan has, of late years, adopted the manners and customs of Europe is in the matter of road-locomotion. Among the first motor manufacturers to secure a footing in the Japanese market years ago were the makers of the Argyll motor-car. Argylls have been going out to the land of the Mikado

the earthquake

entertained to dinner at the Savoy Hotel by the principal officers of the company. Mr. A. E. Bolter, the Secretary, was in the chair.



Photo. Excelsior Illustrations.

CHAMPIONS OF ANCIENT AND MODERN DRAMA IN CONFLICT: THE DUEL BETWEEN M. DE CAILLAVET (ON THE LEFT) AND M. EMILE MAS IN THE PARC DES PRINCES, PARIS.

M. Emile Mas is the dramatic critic of the Parisian paper "Comœdia"; M. de Caillavet is a dramatist, and joint author, with M. de Fiers, of a play called "Primerose," recently produced at the Comédie Française. The quarrel arose from a controversy in which M. Mas contended that the classics—Molière, Racine, and Corneille—should be played there, instead of modern comedies such as "Primerose." Both combatants were wounded, and the duel was stopped, but they left the ground unreconciled. The fight was "directed" by M. Rouzier Dorcières.

In our last issue we gave some remarkably interesting reproductions of paintings by several members of the Italian "Futurist" school, which were recently placed on exhibition in Paris. With reference to one of them—that entitled "Ceux qui s'en vont," by Umberto Boccioni—the artist writes to us to point out that we have reproduced his picture upside-down. This was, of course, a mistake, and we gladly give publicity to the correction. At the same time we may draw the attention of our readers to the fact that an exhibition of works by the Futurist School is to open at the Sackville Gallery, 28, Sackville Street, on March 1.

# SIROLIN

## STATISTICS PROVE THAT EVERY TENTH PERSON IN GREAT BRITAIN DIES OF CONSUMPTION.

### DON'T BE THE TENTH—SAFEGUARD YOURSELF.

THINK OF IT! One in every ten dying from CONSUMPTION. It makes you wonder if you are the tenth. You may be very easily if you fail to take proper precautions—neglect that cold on the chest, leave that nasty cough unchecked, or let your physique "run down."

Consumption is *always* preceded by symptoms you can easily tell. A spell of sneezing—a cough—a slight chill—a stuffy feeling in the head—feverishness—a feeling of languor. When you get like that then is the time to take SIROLIN. A few doses when you feel a cold coming on will work wonders. Don't let the tubercle bacilli get a chance to grip *your* system. Keep the lungs, throat, and air-passages strong to resist all attacks. Be on the defensive—ALWAYS!

SIROLIN prevents colds—and cures them. It kills the dreaded germ that is the forerunner of the Great White Plague, and so tones up the whole system that you can face life cheerfully and resolutely. Don't be the tenth! Take SIROLIN and keep fit.

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An excellent  
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COUGHS & COLDS  
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and for all  
COMPLAINTS OF  
THE LUNGS.  
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## Red Rough Hands Made Soft and White



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For red, rough, chapped and bleeding hands, itching, burning palms, and painful finger-ends, with shapeless nails, a one-night Cuticura treatment works wonders. Directions: Soak the hands, on retiring, in hot water and Cuticura Soap. Dry, anoint with Cuticura Ointment, and wear soft bandages or old, loose gloves during the night.

Cuticura Soap and Ointment sold everywhere. Sample of each, with 32-p. book, post-free from nearest depot: Newbery, 27, Charterhouse Sq., London; R. Towns & Co., Sydney, N.S.W.; Lennon, Ltd., Cape Town; Muller, Maclean & Co., Calcutta and Bombay; Potter D. & C. Corp., Boston, U.S.A. Tender-faced men shave in comfort with Cuticura Soap Shaving Stick.

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ODONTO**  
Whitens & beautifies  
The **TEETH**  
Prevents decay  
eradicates Tartar.  
Polishes & preserves  
the Enamel.

PER 2/9 BOX  
OF STORES, CHEMISTS &  
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Allcock's Plasters have no equal.  
Strengthen **Weak Backs**  
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Allcock's Plasters relieve promptly  
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strengthen side and restore energy.

Apply wherever  
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Prevent colds becoming deep seated

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Relieved by using Allcock's Plasters  
Athletes use them for  
Stiffness or Soreness of muscles.

Allcock's is the original and genuine porous plaster.  
It is a standard remedy, sold by chemists in every  
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Purely Vegetable.

TAKE A **Brandreth's Pill** (Est. 1752.)

For Constipation, Biliousness, Headache, Dizziness, Indigestion, Etc.

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Undismayed  
by the worst  
weather, for  
her boots are  
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## Cherry Blossom Boot Polish

which is both waterproof and preservative. It keeps the leather pliable and in good condition. A great labour-saver in the household, Cherry Blossom Boot Polish requires no hard brushing in the old-fashioned way, but only just a little rub with cloth or polisher to produce a most brilliant shine. 1d., 2d., 4d., 6d. tins, of grocers, boot-makers, stores, everywhere (black or brown).

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is easily the best for Linoleum. Gives a smooth hard surface, with a minimum of work. Also the finest Polish made for stained and parquet floors, and for furniture of all kinds. 1d., 2d., 4d., 6d. tins. CHISWICK POLISH CO. Chiswick, London, W.



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Connoisseurs  
the world over choose

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## Whisky,

Insist on seeing:—  
"Bottled by DUNVILLE & CO., Ltd."  
on the capsule and back label.  
None other guaranteed genuine.

May be obtained from all Wine and Spirit Merchants

or

write direct for name of nearest retailer to

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## HOVENDEN'S "EASY" HAIR CURLER

WILL NOT ENTANGLE OR BREAK THE HAIR.

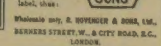
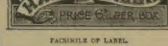
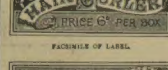
ARE EFFECTIVE,  
AND REQUIRE NO SKILL  
TO USE.

For Very Bold Curls

"IMPERIAL"  
CURLERS.

12 CURLERS in BOX.  
Price Free for 6 Curls  
OF ALL HAIRDRESSERS, &c.

Beware of SPURIOUS  
IMITATIONS.  
THE GENUINE  
TRADE MARK  
ON RIGHT HAND  
CORNER OF  
Label, shows:





## THE CHRONICLE OF THE CAR.

TRULY the Swedes are a stern people, or they would never organise Motor-Car Reliability Trials in the depths of their stark winter. But they do, and obtain entries so numerous that no fewer than forty-three cars started from Stockholm for the journey across the three hundred miles of the Swedish Peninsula and back. Of these but three were British—two 20-h.p. Vauxhalls and one 15-h.p. Humber. The Vauxhalls started second and eighth, and are accredited with second and twelfth places, though the particular Vauxhall driven by that staunch driver H. P. Kidner worked up from the latter position to within four minutes of his stable companion, who was the first car back into Stockholm. To understand the official placings we must await the official returns. It will be interesting to learn how Mr. Kjellgren and Mr. Kidner lost marks. I am told that the cold was intense, no less than 50 degrees below freezing, and that driving snow was encountered for the greater part of the return journey. The Vauxhalls ran on Goodrich tyres and Rudge-Whitworth wheels, which must have been subjected to terrible wrenches, for the ruts were two feet deep at times.

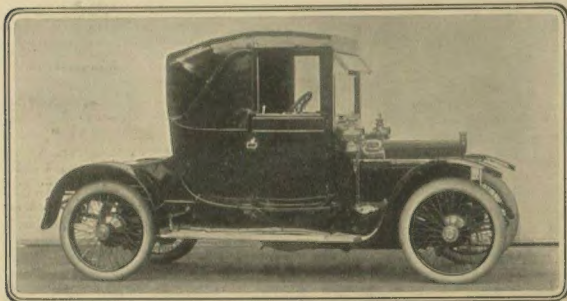
Really, the Automobile Association and Motor Union would appear to want to eat their cake and have it too. If it is necessary for their members to have assistance upon the roads in the shape of patrols—and, be it said, very useful they are at times—then surely it is as needful for those members and associates of the R.A.C. who fly only the crowned Union Jack that they should enjoy equal privileges. Does not the car of an R.A.C. man break down, and his tyres burst and puncture equally with those of the A.A.-ites? But when this happens, where



THIRD IN THE MONACO "RALLYE": M. PAUL MEUNIER'S 40-H.P. DELAUNAY-BELLEVILLE, FITTED WITH MICHELIN TWIN-TYRES.

In the recent automobile "Rallye," in which cars that started from different cities in Europe were given a certain time in which to reach Monaco, the third place was won by M. Paul Meunier in his 40-h.p. Delaunay-Belleville. The car was driven from Havre, and carried eight persons. It was fitted with Michelin twin-tyres.

is the R.A.C. man to look for assistance? The A.A. scout, failing to perceive the linked A.A., remains at his post and the Clubman is left to his own devices. The members and the associate members who perceive the utility of the A.A. patrols ask, and ask very properly, why their rich and powerful body should not provide them equally; and it is in this way that the demand has come about, from without. It is not a proposition from within, put forward with any idea of treading on the Association's toes.



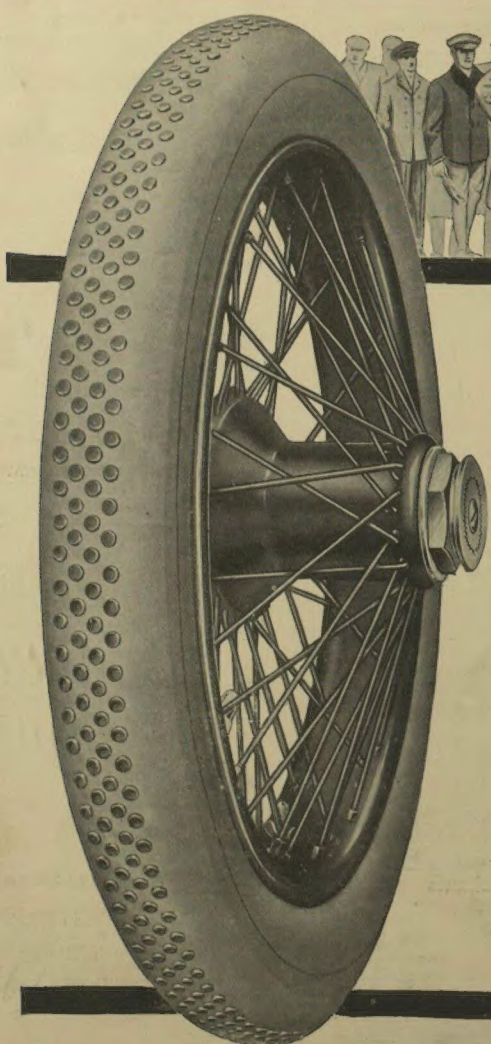
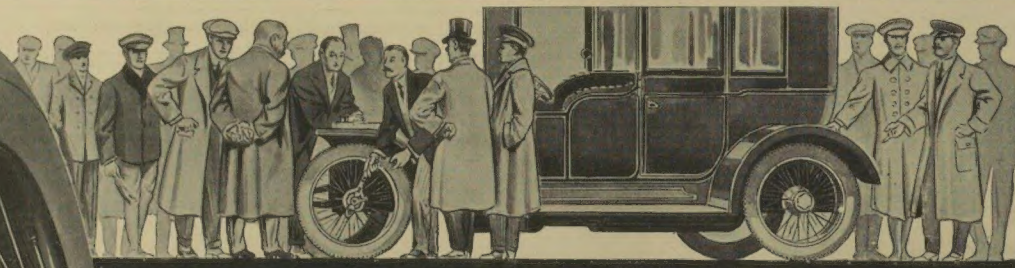
ON A 12-H.P. CHASSIS: A WOLSELEY TWO-SEATER COUPÉ LANDAULETTE

At the Manchester Show the exhibit of the Wolseley Tool and Motor Car Co., of Adderley Park, Birmingham, has attracted many visitors to Stand 59. Their cars are made in six models, ranging from 12-16 h.p. to 50 h.p. Their new car for this year is a 35-40 h.p., but there are few changes made in the famous Wolseley design, and it does not differ in any important detail from the rest.



FITTED WITH A SIDE-ENTRANCE TORPEDO BODY: A 15-H.P. CROSSELEY TOURING CAR, EXHIBITED AT MANCHESTER.

The 15-h.p. Crossley engine has a bore of 3½ in. and a stroke of 4½ in. All four road-wheels run on Timken roller bearings. The price for the 15-h.p. chassis is £335. This includes Dunlop tyres, either Rudge-Whitworth detachable wire wheels or detachable wood wheels, four speeds, and dual ignition.

## AGREED!

"The last word in scientific construction."

J. OWEN in *The Westminster Gazette*.

"and I am inclined to acquiesce."

E. CAMPBELL in *The Graphic*.

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## PERFECTED DETACHABLE WIRE WHEEL

"For simplicity and effectiveness the design could not be beaten."—*Sphere*.

"One of the easiest to detach and replace of the many wheels which are now before the public."—*Pall Mall Gazette*.

"The simplicity of the device is clear on inspection."—*The Times*.

"There is nothing of the kind simpler or more secure on the market."—*Illustrated London News*.

"The locking mechanism is of entirely new and

improved design, the wheel itself is the last word in scientific construction, and possesses many and varied advantages in lightness, flexibility, rigidity and appearance."—*Westminster Gazette*.

"Owing to the system of employing quadruple spokes the rim is remarkably strong. Nor has it a single loose part; it is so simple that even an unskilled amateur cannot damage it."—*Evening Standard*.

"Has won great favour by the positiveness of its locking device, and the absolute impossibility of its becoming detached."—*Sketch*.

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 Dunlop tyres with Pneumatic filling supplied on demand.





40 H.P.

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**FIRST**  
IN GENERAL CLASSIFICATION  
FOR OPEN TOURING CARS.

In spite of unusually severe road and weather conditions, the Metallurgique car ran with its customary reliability; its performance in this International event resulting in TWO FIRSTS among 60 competitors.

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If a high reputation is earned through the quality of workmanship or material employed in its manufacture—then that reputation is more than earned by the Rudge.

#### Experience Proves

however, the dependability of the Rudge. It has secured first-class awards in every competition of note, both for speed and reliability.

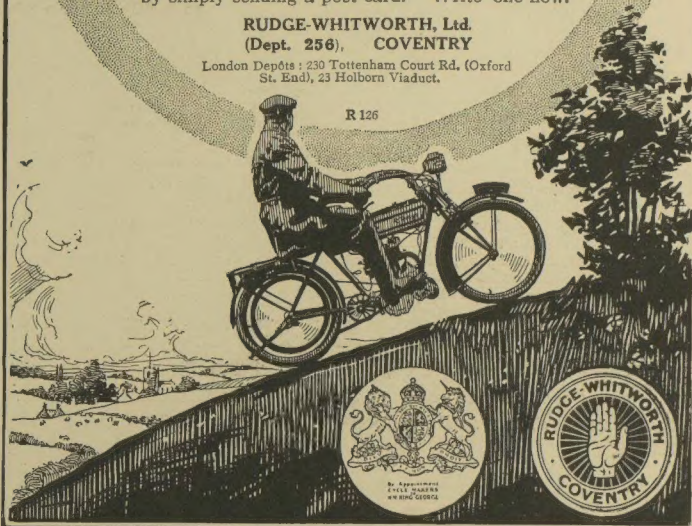
Our booklet "Rudge Successes" gives a remarkable list of victories following one another in rapid succession—ask your agent for one.

The catalogue describes the technical points of the machine—explains its superiority, and is forthcoming by simply sending a post-card. Write one now.

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HOTEL. High-class Family Hotel. Finest situation. Full south.

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the extraordinary success of which is undoubtedly due to their Artistic Supremacy, Reliability and Moderate Prices.  
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Size.	Per 100	50	25
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An Inspiration in Perfume

PERFUME 2/6, 4/6 & 8/6. TOILET WATER 3/. HAIR LOTION 3/6. BRILLIANTINE 1/6. DENTIFRICE 1/6. FACE POWDER 1/6. SACHET 6d. SOAP 1/- per tablet. CACHOUS 3d per box. TOILET CREAM 1/6 per pot. BATH CRYSTALS 2/6 & 4/6.

**J. GROSSMITH & SON**  
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painted direct on MOTOR CARS, or Transfers prepared for local carriage-builders to apply.  
Heraldic Painting, Engraving, and Enamelling for all purposes.  
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For length of drive, steadiness on the Green, and durability, the new Heavy "Why Not" is the best ball made.  
"HEAVY" ... 12/-  
"STANDARD" (floats) ... 2/-  
If your Professional does not stock it, write to us.

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Drapers, Stores, Hairdressers, Everywhere. 6d. & 1/- the Box.  
**Hair Wavers.**

By Appointment to H.M. the King and to the Royal Danish and Imperial Russian Courts.

# HEERING'S

COPENHAGEN

## CHERRY BRANDY

Have you tried jelly made with this liqueur?

**Oakey's "WELLINGTON" Knife Polish**  
The Original Preparation for Cleaning and Polishing Cutlery, and all Steel, Iron, Brass, and Copper articles. Sold in Canisters at 3d., 6d., & 1s., by Grocers, Ironmongers, Oilmen, &c.  
Wellington Emery and Black Lead Mills, London, S.E.



## WILLS AND BEQUESTS.

THE will and codicil of SIR GEORGE HENRY LEWIS, of 88, Portland Place, and Ely Place, Holborn, who died on Dec. 7, have been proved by Dame Elizabeth Lewis, widow, and the Public Trustee, the value of the property being £237,615. The testator gives £5000 to his wife; £10,000 to his son; £15,000 in trust for his daughter Katherine Elizabeth; £15,000 in trust for his daughter Alice Victorine Kann Hart; £500 to Reginald W. E. L. Poole; £200 to Arthur Griffith; £100 each to Harry Reginald Lewis, Robert Burden, and Charles Alexander Hooper; £100 each to the Solicitors' Benevolent Society and the United Law Clerks' Society; £10 to the poor box at each of the Metropolitan Police Courts; and £50 each to Charing Cross Hospital, Guy's Hospital, King's College Hospital, London Hospital, Middlesex Hospital, North London Hospital, Royal Free Hospital, St. Mary's Hospital, St. Thomas' Hospital, Victoria Hospital for Children, Society for the Prevention of Cruelty to Children, Truth Toy Fund, Children's Country Holiday Fund, and the Jews' Soup Kitchen. The residue of the property he leaves to his wife for life, and then he gives £20,000 and his freehold property in Ely Place to his son; the household furniture, etc., in 88, Portland Place, to his daughter Katherine Elizabeth, if a spinster; and the residue in trust for his daughters Gertrude Rachel Birnbaum and Katherine Elizabeth. The will states: "In the course of my professional career, and especially during the last 40 years, many matters have been confided to me, the delicate nature of which, apart from consideration of ordinary professional honour, imposed the necessity of absolute secrecy. Statements have been made at different times that it was my intention to publish my reminiscences. I hereby declare that these statements were and are without foundation. For over 40 years I have kept no diary and I leave behind me no documents or memoranda from which the confidences reposed in me can be revealed."

The will (dated July 28, 1905) of MR. ALFRED HOLT, of Crofton, Aigburth, head of A. Holt & Co., owners of the Ocean Steamship Company, Liverpool, who died on

Nov. 28, is proved, and the value of the property sworn to be £155,566. The testator gives the contents of his residence, other than money and securities, to his wife, and the residue in trust for her for life, and then to his children, and the issue, including step-children, of any deceased child.

The will and codicils of CAPTAIN FLETCHER HAYES GRANT CRUICKSHANK, of Springfield Lyons, Chelmsford, and the Stock Exchange, who died on Jan. 20, are proved by Arthur Frederick Francis and Charles Edward Wrigley, the value of the property being £72,974. He gives £1500 and the indoor and outdoor effects to his wife; £100 each to the executors; and the residue to his wife for life and then for his children.

The will (dated March 23, 1910) of SIR HERBERT EDMUND FRANKLAND LEWIS, Bt., of Harpton Court, Radnorshire, who died on Nov. 7, is proved by Henry William Duff Gordon, the value of the real and personal estate amounting to £128,480. The testator gives £1500, the use of Downton House, and £700 a year to his wife; annuities of £200 each to his sisters Mary Ann Lewis, and Eleanor Lady Hammick; legacies to servants, and the residue to his cousin Henry William Duff Gordon.

The will (dated Aug. 13, 1908) of MISS MARIA MARGARET PANTON, of Weston Grange, Bournemouth, who died on Jan. 4, is proved by the Hon. Walter Warrick Vivian and Cyril Pantan Vivian, the value of the property being £84,082. The testator gives £1000 to the Bennett Memorial Church of St. Stephen; £500 each to the Royal Victoria Hospital, and the Firs Home for Advanced Cases of Consumption, Bournemouth; real estate in the City of Chester and £10,000 to her cousin Anthony Hamilton Vivian; real estate in Flint, Chester, and Denbigh and £12,000 to her cousin Claud Esmé Vivian; £2000 each to Paul Eric Vivian and Robert Crespiigny Vivian; £2000 in trust for Ursula H. C. Vivian; £1000 to the Hon. Walter W. Vivian; legacies to servants; and the residue to her cousin Cyril Pantan Vivian.

The will (dated April 18, 1910) of MR. RICHARD STEEL, of Zig-Zag Hall, Liscard, Chester, and of Liverpool, cotton-broker, who died on Dec. 30, is proved, and the

value of the property sworn at £97,428. The testator gives his residence and furniture, a policy of insurance, and £800 a year to his wife; property in Scotland to his sisters Catharine and Agnes Morris Steel; and the residue to his wife and sisters for life, and then as the survivor of them may appoint to persons or charities.

The will (dated May 9, 1899) of COLONEL CHARLES WIGRAM LONG, of Severn Bank, Severn Stoke, Worcester, formerly M.P. for Evesham, who died on Dec. 13, is proved, the value of the estate being £83,214. The testator gives £1000 and the household effects to his wife; £100 each to Loftus Sidney Long and Captain Robert Arnold Vansittart; and the residue in trust for Mrs. Long for life or widowhood, and then as she may appoint to his children.

The will (dated Nov. 21, 1891) of MR. EDWARD BYROM, D.L., of Culver near Exeter, and Kersall Cell, Lancashire, who died on Oct. 20, is proved by his son Edward Clement Arthur Byrom, the value of the estate being £106,631. He gives £15,000 to his daughter Katharine Florence Mary; £5000 each to his daughters Esther Eleanor Mary Swaine and Eleanor Mabel Stawell; £2500 each to his children Rose Elsie Jerardine and Edward Luttrell Grimston; and £300 to Julie Schmitt. By the special and repeated request of his wife he leaves to her only £300 and personal effects. All other his real and personal estate goes to his son Edward Clement.

The following important wills have been proved—

Mr. James Wilcock, Wilmar Lodge, Blackburn	£213,701
Mr. William Palgrave Wood, 27, Collingham Gardens, Kensington	£115,243
Mr. Henry Haines Harrington, Battenhall and Sansome Street, Worcester	£62,344
Mr. George Henry Verrall, Sussex Lodge, Newmarket	£58,268
Mrs. Elizabeth Sprake, 78, Sloane Street, Chelsea	£50,216
Mr. George Carlyle, Hilbre Road, West Kirby, Chester	£44,672
Miss Henrietta H. E. Hohler, Fawkham Manor, Fawkham, Kent	£36,776
Dowager Lady Congleton, 13, Bryanston Square	£9,742

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are not cured by Pills, Powders, Potions and Pastilles, but only by a proper Food, able to recreate fresh, healthy tissues in place of the wasted ones. Such a food—a Blessing for Mankind—is



## RACIA FOOD

as the experience of Mrs. J. Beal, of Henley Road, Portsmouth, proves:

"Some months ago I was so ill that my doctor thought I was rapidly going into consumption . . . As soon as I took your 'Racia,' my appetite and digestion became better, I slept well, and my nervous headaches ceased . . . I feel now quite well and active again."

Write at once for Free Sample and Celebrated Dietary.

FRAME FOOD CO., LTD., Standen Road, Southfields, LONDON, S.W.

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Clear and give Strength to the Voice of SINGERS, and are Indispensable to PUBLIC SPEAKERS.

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"Messrs. JOHN I. BROWN and Sons, Boston.

"Gentlemen,—For sudden affections of the Bronchial organs I use and most cheerfully recommend 'Brown's Troches.' They are regarded as most eligible, convenient, and indispensable by numerous artists of my acquaintance, BOTH IN EUROPE AND AMERICA. They seem to act specially on the organs of the voice, and produce a clear enunciation.—Yours truly, 'MARIE ROZE MAPLESON.'"

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writes:—"People who do not know 'Poinsetta' might be a little incredulous that so fine a perfume could be bought for 4/6."

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Perfumers to Their Majesties the King & Queen and Queen Alexandra

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Sir MORELL MACKENZIE, M.D., said:—"I have found your Cod Liver Oil more uniform in character, more uniform in its action, more easily digested than any other Cod Liver Oil."

Sold by all Chemists in Imperial Capsuled Bottles.  
Half-pints, 2/6; Pints, 4/6; Quarts, 9/-.

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